ONTARIO MINISTRY OF ENVIRONMENT
36936000025942

AIR QUALITY MONITORING REPORTS 1979

Volume 5



LIBRARY COPY
SEP - 3 1981
MINISTRY OF THE ENVIRONMENT

Ontario
Ministry of the Environment
Hon. Harry C. Parrott, D.D.S., Minister
Graham W. S. Scott, Q.C., Deputy Minister

TD
883.7
.O57
A37
1979
vol 5

Air quality monitoring report :
Ontario, 1979.
82441

AIR QUALITY MONITORING REPORT

ONTARIO 1979

VOL. 5

Ontario

Ministry of the Environment

Hon. Harry C. Parrott, D.D.S., Minister

Graham W. S. Scott, Q.C., Deputy Minister



Digitized by the Internet Archive
in 2015

https://archive.org/details/airqualitymonito25942

Volume 5

CONTENTS

Nitrogen Dioxide

12008	467 University Ave., Windsor	1
14064	Centennial Park, Front St/CN Tracks, Sarnia	8
15001	King - Rectory, London	15
22071	Experimental Farm, Simcoe	22
22086	Cheapside Rd., 3 km S of Hwy 3, Nanticoke	29
26029	Edna/Frederick St., Kitchener	36
27037	North/Geneva St., St. Catharines	43
29008	North Park, Hamilton	50
29025	Barton - Wentworth, Hamilton	57
31001	67 College St., 5th Floor, Toronto	64
31105	Sherbourne/Wilton, Toronto	71
33003	Lawrence - Kennedy, Scarborough	78
34002	Science Centre, Don Mills, North York	85
34007	Bathurst - Wilson, North York	92
35003	Elmcrest Rd., Etobicoke	99
35033	Evans - Arnold, Etobicoke	106
44010	1298 Rebecca St., Oakville	113
45025	Ritson Rd/Olive Ave., Oshawa	119
46110	Queensway West/Hurontario St., Mississauga	126
51001	McDonald Gardens, Ottawa	133
56051	Memorial Park, Cornwall	140
58030	132 King St., Port Hope	147
77016	Ash Street, Sudbury	151

Nitrogen Oxides

12008	467 Univesity Ave., Windsor	158
14064	Centennial Park, Front St/CN Tracks, Sarnia	165
15001	King - Rectory, London	172
22071	Experimental Farm, Simcoe	179
22086	Cheapside Rd., 3 km S of Hwy 3, Nanticoke	186
26029	Edna/Frederick St., Kitchener	193
27037	North/Geneva St., St. Catharines	197
29008	North Park, Hamilton	202
29025	Barton - Wentworth, Hamilton	209
31001	67 College Street, 5th Floor, Toronto	216

Station Number	Location	Page
31105	Sherbourne/Wilton, Toronto	223
33003	Lawrence - Kennedy, Scarborough	230
34002	Science Centre, Don Mills, North York	237
34007	Bathurst - Wilson, North York	244
35003	Elmcrest Rd., Etobicoke	251
35033	Evans - Arnold, Etobicoke	258
44010	1298 Rebecca St., Oakville	265
45025	Ritson Rd/Olive Ave., Oshawa	272
46110	Queensway West/Hurontario St., Mississauga	279
51001	McDonald Gardens, Ottawa	286
56051	Memorial Park, Cornwall	293
58030	132 King St., Port Hope	300
77016	Ash Street, Sudbury	304

Nitrogen Oxide

12008	467 University Ave., Windsor	311
14064	Centennial Park, Front St./CN Tracks, Sarnia	318
14901	Riverside Blvd., Mobile Station, Corunna	325
15001	King - Rectory, London	329
22071	Experimental Farm, Simcoe	336
22086	Cheapside Rd., 3 km S. of Hwy 3, Nanticoke	343
22901	100M S. Hwy 59, Long Point Provincial Park	350
22902	Tyneside/Chippewa Rd., Binbrook West	356
22906	Sandusk Rd. Between Walpole Conc. 4/5, Sandusk	363
26029	Edna - Frederick, Kitchener	368
27037	North/Geneva St., St. Catharines	373
29008	North Park, Hamilton	378
29025	Barton - Wentworth, Hamilton	385
31001	67 College St., 5th Floor, Toronto	392
31105	Sherbourne/Wilton, Toronto	399
33003	Lawrence - Kennedy, Scarborough	406
34002	Science Centre, Don Mills, North York	413
34007	Bathurst - Wilson, North York	420
35003	Elmcrest Rd., Etobicoke	427
35033	Evans - Arnold, Etobicoke	434
44010	1298 Rebecca St., Oakville	441
45025	Ritson Rd/Olive Ave., Oshawa	448
46110	Queensway West/Hurontario St., Mississauga	455
51001	McDonald Gardens, Ottawa	462
56051	Memorial Park, Cornwall	469
58030	132 King St., Port Hope	476
77016	Ash Street, Sudbury	479

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	2	2	1	1	1	1	2	2	1	1	1	****	1	0	2	2	1	2	2	2	1
2	2	1	1	1	1	1	2	2	****	2	3	3	2	2	2	2	2	2	2	2	-	-	-	3	2
3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	****	3	3
6	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	4	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	2	2	3	3
8	3	3	2	2	1	2	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3	3	4	3	3
9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	3
10	4	3	3	4	3	4	4	4	4	2	3	3	2	****	2	3	3	3	3	3	3	3	****	3	3
11	4	4	4	4	4	4	4	4	4	5	6	4	4	4	3	3	3	3	3	-	-	3	4	3	4
12	3	3	3	3	3	3	3	3	3	1	2	2	2	2	3	3	3	4	-	-	3	4	4	3	3
13	3	3	3	3	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2	3	3	2	****	3	3
14	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
15	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	4	4	5	5	4	4	4
17	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	1	2	3
18	2	2	2	2	2	2	3	3	3	3	-	-	2	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	2	2	2	2	3	3	3	2	3	3	-	3	3	3	3	3	2	3	3	3	3	3	3
20	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2
22	2	1	2	1	1	-	2	3	3	3	2	1	2	3	2	3	3	****	3	3	3	3	2	2	2
23	3	3	3	2	2	2	2	2	2	1	2	2	2	2	3	3	3	3	4	4	3	4	4	4	3
24	4	3	3	3	2	2	2	2	2	-	****	3	3	3	3	3	3	3	3	3	3	3	2	2	3
25	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
26	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3	2	2	3	2
27	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	4	3	3	3	3	3
28	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	1	1	1	2
29	1	1	1	0	0	1	1	2	2	1	2	2	1	2	2	2	3	2	3	2	2	2	2	2	2
30	2	1	1	0	1	1	2	2	2	2	2	2	2	2	2	2	3	-	2	2	2	2	2	2	2
31	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	3	3	3	2	3	2	2	2	2
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	****	2	2	3	3	3	3	3	3	2
2	3	3	3	3	3	4	4	4	3	3	3	2	4	3	3	4	4	4	4	4	4	4	5	5	4
3	5	5	5	5	4	4	4	3	3	3	3	3	3	2	2	3	3	3	4	3	3	3	3	4	3
4	4	4	4	3	3	3	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
5	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	-	3	3	3	4	3	3	4	3
6	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	4	4	4	3	3	3	3	3
7	3	3	3	3	3	3	3	3	4	3	4	6	6	5	5	4	4	4	3	3	2	2	2	2	3
8	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	2	3	2	2	3
9	3	2	2	2	2	3	3	3	2	3	4	4	4	3	3	3	3	3	3	4	4	4	4	3	3
10	3	3	3	3	3	3	3	3	2	2	2	1	2	2	2	2	2	2	2	3	3	2	3	2	2
11	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
12	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	2	2	3	1	2
13	2	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3	3	3	****	3	3	3	3	3	3
14	3	3	2	2	2	1	2	2	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
15	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	3	2
16	2	2	2	2	2	2	2	3	3	3	3	1	2	2	2	2	3	3	3	2	2	-	2	2	2
17	2	2	2	3	3	3	3	2	2	2	2	1	2	2	2	3	3	3	3	3	3	2	3	3	2
18	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	-	3	2	****	2
19	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	4	4	5	6	5	5	5	5	5	4
20	5	5	5	4	4	4	4	5	4	5	5	5	6	6	4	0	6	7	6	7	6	6	6	6	5
21	7	5	5	5	4	4	3	3	2	1	****	****	4	4	4	5	6	6	5	4	4	4	3	3	4
22	3	3	3	4	5	5	7	6	6	6	7	6	4	4	4	4	5	5	5	4	4	4	4	3	5
23	3	3	3	2	3	4	4	5	4	4	3	3	1	2	4	4	3	3	4	4	5	4	5	4	4
24	5	5	5	5	3	4	4	5	5	4	2	3	3	3	3	3	3	3	3	3	3	2	3	3	4
25	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2
26	1	1	1	1	2	3	4	4	5	4	4	5	5	5	5	5	5	****	5	5	4	4	4	4	4
27	4	4	4	4	4	4	5	5	5	6	7	8	6	6	7	7	8	8	7	7	8	8	9	8	6
28	9	9	8	7	7	6	6	7	8	12	9	7	4	3	4	5	6	6	7	5	6	5	5	6	7
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	5	4	5	5	5	5	5	5	5	5	5	5	5	3	6	6	6	6	5	5	5	5
2	5	4	5	4	4	4	5	5	5	4	5	4	5	4	5	5	5	-	****	5	5	5	5	5	5
3	6	6	4	4	4	5	4	5	5	5	5	5	4	4	4	5	5	5	5	4	3	2	1	2	4
4	2	2	2	2	1	1	1	1	1	2	1	1	1	2	2	1	2	3	4	4	3	3	4	4	2
5	3	3	3	3	4	3	3	4	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	3	4
6	3	3	2	2	2	2	3	4	4	4	4	4	5	4	4	5	5	5	6	6	5	6	6	6	4
7	-	****	5	5	4	4	4	4	5	5	5	4	5	7	7	6	8	7	6	6	6	5	6	4	5
8	4	3	3	4	4	5	5	5	2	4	4	3	3	4	4	3	4	5	5	6	6	6	6	5	4
9	5	4	4	4	3	4	4	4	5	5	5	5	4	4	5	5	4	4	3	3	4	3	3	3	4
10	3	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
11	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	4	4	3
12	4	3	2	1	2	3	4	5	5	4	4	4	4	****	5	5	5	5	5	5	5	5	-	5	4
13	4	4	3	3	2	3	3	3	3	3	4	4	4	5	4	4	3	3	4	3	5	5	4	3	4
14	4	3	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
15	2	1	2	1	1	2	2	3	4	3	3	3	1	3	3	3	4	3	4	4	4	4	4	4	3
16	4	4	5	5	5	-	5	5	5	5	5	4	4	3	4	4	4	5	6	6	6	6	6	6	5
17	5	6	6	5	5	5	5	5	6	6	5	4	5	3	2	2	3	4	6	6	6	6	6	6	5
18	6	5	4	3	3	4	4	4	5	4	4	4	5	4	4	5	2	2	2	4	4	5	6	6	4
19	3	3	2	2	2	2	2	3	3	3	4	4	3	3	5	5	5	5	4	4	4	4	4	3	3
20	4	4	3	3	2	3	3	4	4	1	2	4	4	4	5	5	5	-	****	6	6	****	5	5	4
21	5	5	5	5	6	5	5	5	6	6	6	5	5	6	5	6	5	4	4	5	5	6	6	5	5
22	5	5	5	4	4	4	5	5	5	5	5	5	5	6	5	6	7	7	7	7	4	3	3	2	5
23	2	3	4	5	4	4	5	4	4	1	2	3	3	3	3	3	4	3	2	2	2	2	1	2	3
24	2	2	2	2	2	1	3	2	3	2	2	2	3	3	3	3	2	3	3	2	2	2	2	3	2
25	3	3	3	3	3	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	3	2	3
26	2	1	1	1	1	1	2	2	3	2	3	3	3	3	3	3	4	4	3	3	3	3	3	2	2
27	2	2	2	2	2	3	4	4	4	2	4	3	3	3	3	3	4	4	4	4	4	5	4	4	3
28	4	4	3	2	2	3	3	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	4	3
29	4	5	4	4	****	5	4	5	5	5	4	4	5	4	4	5	3	3	3	4	3	3	4	3	4
30	3	4	4	4	2	1	2	3	-	4	1	-	-	-	2	3	4	5	5	5	4	5	4	3	3
31	4	5	5	4	2	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3	4	4	3	3	3
MEAN	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.7

PERCENTAGE OF OATA VALIO - 98.0 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 1.2

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	1	1	2	2	2	2	2	3	3	2	3	3	3	3	3	3	2	3	3	2
2	3	3	3	3	2	2	3	3	3	3	3	3	****	****	3	3	3	4	4	4	3	3	3	2	3
3	2	2	3	2	1	2	4	5	5	3	4	3	3	3	3	3	3	3	3	3	3	3	4	4	3
4	3	3	2	2	2	2	3	3	4	3	4	4	4	4	4	5	****	5	5	5	5	4	4	4	4
5	4	4	3	3	3	****	4	4	-	-	****	4	3	3	4	3	3	3	3	4	4	3	2	2	3
6	2	2	2	1	1	1	2	2	2	2	****	2	2	2	3	3	1	2	3	3	3	4	4	4	2
7	4	4	4	3	3	3	4	3	3	3	3	3	3	3	3	4	4	3	4	5	4	4	4	4	4
8	4	2	2	2	1	1	1	2	1	1	2	2	2	3	2	2	2	2	2	2	2	3	2	3	2
9	3	2	2	2	2	3	3	4	5	4	3	4	4	4	4	4	4	4	4	4	4	4	5	5	4
10	5	5	5	5	5	5	5	5	6	5	7	7	6	5	4	3	3	3	3	4	4	5	5	4	5
11	5	4	4	2	2	2	2	3	3	2	3	4	4	1	3	3	4	4	4	3	3	4	4	4	3
12	3	2	2	2	2	2	2	3	4	4	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4
13	4	4	3	3	3	3	3	4	4	3	4	4	4	5	4	4	5	5	5	5	5	4	3	3	4
14	2	3	4	6	6	5	5	5	4	3	3	3	3	3	2	2	3	3	3	2	2	3	3	3	3
15	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	3	3	2	2
16	2	2	1	1	1	2	2	3	3	3	3	4	4	4	4	4	4	****	4	5	****	4	4	4	3
17	4	4	5	5	5	4	4	4	4	4	3	3	3	-	-	3	4	4	4	4	4	5	4	5	4
18	5	5	6	6	5	5	5	5	6	6	5	****	-	-	2	3	3	4	****	****	5	5	5	6	5
19	6	6	6	6	5	6	6	7	8	7	7	5	5	5	3	2	3	3	3	5	6	6	7	7	5
20	6	6	6	6	7	6	6	7	6	3	3	2	0	2	2	4	4	3	2	4	5	4	4	5	4
21	5	5	6	5	6	6	5	6	6	5	5	6	6	6	7	7	7	6	6	7	6	6	6	6	6
22	5	4	3	2	1	1	2	2	2	2	3	3	4	5	5	6	6	3	3	3	4	3	5	4	3
23	5	4	4	4	3	3	3	3	4	8	9	5	3	3	2	2	2	2	2	5	7	5	5	5	4
24	4	3	3	4	5	6	7	7	6	****	****	13	8	7	6	6	6	5	5	5	5	5	5	5	6
25	5	5	5	4	4	****	5	5	5	6	6	7	7	6	6	7	6	5	5	6	6	6	5	5	6
26	5	4	4	4	4	4	4	4	4	6	5	5	5	5	5	5	5	5	5	6	5	5	4	4	5
27	4	3	3	3	3	3	2	3	3	0	3	5	5	5	6	6	5	5	5	5	4	4	4	3	4
28	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
29	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3
30	2	3	3	3	3	3	3	3	4	3	3	****	5	4	4	4	4	4	4	4	3	3	3	2	3
MEAN	4	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.7

PERCENTAGE OF OATA VALIO - 97.1 PERCENTAGE OF OATA INVALIO - 2.1 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	4	5	5	5	5	6	6	5	5	5	5	4	4	3	3	4
2	3	3	3	3	3	3	3	4	5	5	4	4	3	5	5	5	5	4	3	4	4	3	4	4	4
3	4	4	4	3	3	3	3	3	4	4	5	4	5	2	5	6	6	5	5	4	4	4	4	4	4
4	4	3	3	3	3	3	3	3	3	4	5	5	5	5	6	6	-	5	5	5	4	4	4	4	4
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
6	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	4	4	4	4	3	3	3
7	3	3	3	****	3	3	4	5	5	5	5	4	4	4	4	4	4	3	3	4	4	4	3	4	4
8	4	4	3	3	3	3	3	4	5	5	5	4	4	3	3	3	3	2	2	3	3	3	3	3	3
9	4	4	4	4	4	4	4	5	5	5	4	3	2	3	4	3	4	4	4	5	4	4	5	5	4
10	5	5	4	4	4	5	4	5	4	5	5	4	3	3	2	5	4	2	3	3	3	5	4	4	4
11	4	5	5	3	4	4	5	5	7	6	5	3	3	4	6	6	4	4	4	5	5	5	5	4	5
12	3	3	3	3	2	3	3	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	3	4
13	4	3	3	3	3	3	3	3	3	4	3	4	4	3	2	2	2	2	2	2	3	4	4	5	3
14	5	4	4	4	4	4	4	4	5	5	****	3	3	5	4	4	5	4	4	5	5	5	6	6	4
15	5	4	3	5	5	5	5	5	6	6	****	4	4	3	4	4	5	4	3	3	4	4	4	4	4
16	3	3	3	4	5	5	5	7	6	4	4	3	3	3	4	4	4	3	3	3	5	6	4	4	4
17	-	2	5	****	4	6	5	3	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	3	3
18	2	2	3	4	4	5	5	5	2	0	6	6	4	4	3	3	3	3	2	4	4	4	4	4	4
19	4	3	4	4	5	6	6	4	2	****	3	2	1	1	1	1	1	1	2	3	4	5	8	9	3
20	7	4	3	1	1	2	1	1	2	3	3	3	3	3	4	2	1	2	3	5	8	8	6	3	3
21	****	5	3	1	****	2	3	3	3	3	3	3	2	2	2	2	1	1	2	3	3	2	2	3	2
22	2	2	1	1	3	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	****	2
23	3	2	1	1	1	2	2	3	3	4	3	4	3	3	3	4	4	3	5	4	3	2	2	2	3
24	2	1	1	1	2	3	4	4	4	4	4	4	3	4	3	4	4	4	4	3	3	2	2	1	3
25	1	1	1	1	-	****	4	4	4	3	****	4	4	4	3	1	3	3	3	3	3	2	3	3	3
26	2	2	2	1	1	2	3	3	3	3	4	4	4	3	4	4	5	4	5	5	5	4	4	4	3
27	4	4	4	4	3	3	4	4	4	3	3	3	3	3	2	3	3	3	4	5	5	5	5	5	4
28	4	4	4	4	****	4	3	4	4	3	****	3	3	4	5	5	4	4	4	5	5	5	5	5	4
29	5	4	4	4	4	4	4	5	6	4	4	4	4	4	5	5	5	5	5	6	7	5	3	4	5
30	4	3	3	3	3	4	4	4	4	3	4	4	4	5	5	5	5	5	4	5	5	4	3	3	4
31	3	3	3	2	2	3	3	4	4	4	5	2	5	4	4	4	3	5	3	3	3	4	3	3	3
MEAN	3	3	3	3	3	4	4	4	4	4	4	4	3	3	4	4	4	3	3	4	4	4	4	4	3.6

PERCENTAGE OF OATA VALIO - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	3	3	5	7	7	7	8	12	12	8	8	7	4	3	5	5	4	4	4	4	3	6
2	4	4	3	3	3	3	3	4	6	5	4	6	7	5	3	2	3	2	3	2	3	4	5	5	4
3	5	6	6	5	3	3	4	6	6	5	3	3	2	1	2	2	1	2	3	4	7	7	6	6	4
4	6	5	6	5	5	5	6	7	7	9	4	2	4	3	3	3	3	3	4	6	6	7	8	7	5
5	7	5	6	5	4	7	7	8	7	4	5	-	4	****	3	4	3	3	3	3	3	3	3	4	5
6	3	3	3	2	2	2	2	3	3	3	3	3	3	4	4	4	5	2	2	2	2	3	3	3	3
7	3	2	2	2	4	4	4	5	5	4	4	2	2	2	2	3	2	2	2	2	4	2	2	2	3
8	2	3	3	4	4	4	3	3	3	4	4	2	4	4	4	4	3	3	3	3	3	4	4	3	3
9	3	3	3	4	4	4	3	3	3	3	4	3	3	4	3	3	2	2	2	3	3	3	2	3	3
10	3	4	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	1	1	2
11	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2	3	4	-	-	3	3	4	4	5	3
12	4	4	4	4	4	4	4	6	5	5	3	3	2	2	3	3	3	3	****	3	5	5	6	6	4
13	4	4	4	4	4	5	5	8	4	3	2	2	2	2	2	2	1	2	2	2	3	3	3	2	3
14	2	1	2	2	****	4	4	4	2	1	4	****	3	3	3	3	3	3	3	3	5	5	5	4	3
15	4	4	4	3	4	4	4	5	5	6	****	****	3	3	3	3	3	3	3	4	4	4	7	6	4
16	6	6	5	5	5	4	6	6	5	4	4	3	2	1	1	3	3	2	2	3	2	3	4	4	4
17	4	4	5	4	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	1	3
18	1	1	1	1	1	2	3	3	3	3	****	3	3	3	3	3	3	2	2	2	2	3	4	4	2
19	4	4	4	4	3	3	4	5	4	5	4	2	2	1	2	2	2	1	2	2	3	3	2	2	3
20	1	1	1	2	2	3	4	4	3	2	2	2	2	2	4	5	5	3	2	2	3	2	2	2	3
21	1	1	1	2	1	2	3	3	2	4	3	3	3	3	3	3	3	4	4	5	4	7	7	7	3
22	7	6	6	7	6	6	5	6	4	2	****	3	3	3	3	4	-	3	3	3	4	3	3	3	4
23	3	2	2	2	1	1	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	2	1	2
24	2	1	****	2	2	2	2	****	2	2	1	1	1	2	2	1	1	2	2	3	3	2	3	3	2
25	2	2	2	2	2	3	4	4	5	3	2	2	2	2	2	2	-	2	1	2	4	4	4	4	3
26	3	5	4	4	3	3	5	5	4	4	5	3	4	3	2	2	2	2	2	1	2	4	2	1	3
27	2	3	3	4	5	5	5	6	****	4	6	5	4	4	3	4	4	3	6	6	6	6	8	7	5
28	5	4	5	6	6	4	4	6	****	****	4	4	5	5	6	4	3	3	3	3	5	5	4	3	4
29	3	3	2	2	3	3	4	6	6	5	5	5	4	4	5	4	4	5	3	4	5	5	5	-	4
30	5	3	1	1	1	1	1	2	1	2	4	3	3	2	2	-	3	5	4	4	4	4	4	4	3
MEAN	3	3	3	3	3	3	4	5	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	3.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF OATA UNAVAILABLE - 1.0

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	2	2	2	2	2	3	2	3	3	3	3	2	3	3	2	2	2	2	2	2
2	1	1	1	1	1	2	2	2	2	2	3	3	3	4	4	4	4	4	4	5	7	7	6	6	3
3	6	4	4	4	4	4	4	5	5	5	****	5	5	5	5	5	6	5	4	4	5	5	4	4	5
4	2	2	2	1	1	1	2	3	2	2	3	3	2	2	2	2	2	2	2	3	3	4	4	3	2
5	3	2	2	1	2	3	4	4	3	2	2	****	2	2	2	2	3	2	2	3	5	5	5	4	3
6	4	4	4	4	4	4	5	6	2	3	5	6	4	3	3	3	3	3	2	3	4	7	7	8	4
7	8	9	9	8	7	7	6	7	8	7	4	4	2	2	2	1	1	1	1	2	2	3	3	4	5
8	5	6	6	6	6	5	5	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	3
9	1	1	1	1	1	2	3	4	5	4	3	3	****	3	4	5	3	5	5	5	5	5	5	4	3
10	4	3	2	2	2	4	4	5	5	5	5	-	4	3	4	3	3	3	3	3	4	4	5	5	4
11	5	5	5	6	6	5	6	5	6	4	4	4	3	2	6	7	6	8	9	8	7	****	7	7	6
12	6	5	4	7	5	5	6	9	16	12	5	6	6	3	2	2	2	2	2	3	4	4	5	6	5
13	5	4	3	2	2	3	5	5	4	4	****	3	2	2	3	3	3	4	3	3	6	8	9	9	4
14	8	8	7	7	7	7	7	9	9	6	3	4	3	2	2	2	2	2	3	3	3	5	7	7	5
15	7	6	5	4	4	4	5	3	2	3	3	3	3	3	2	2	2	2	3	3	5	6	6	7	4
16	5	5	3	4	4	5	6	6	8	5	****	****	3	3	3	3	3	3	2	2	2	2	2	****	4
17	2	2	1	1	2	2	2	3	3	3	3	3	2	2	2	2	3	2	2	3	3	3	3	3	2
18	3	3	3	3	3	3	3	4	3	0	1	2	2	2	2	3	2	1	1	2	3	5	5	3	3
19	4	4	5	4	6	6	7	7	6	4	4	3	3	3	2	2	2	2	2	2	3	3	4	3	4
20	2	3	2	3	6	6	6	9	11	10	4	1	1	2	2	1	1	1	2	2	3	5	4	4	4
21	****	5	4	8	9	8	9	10	8	5	3	3	1	1	1	1	2	1	1	2	3	3	3	3	4
22	3	2	3	2	4	6	-	4	2	4	2	2	****	2	2	1	1	3	1	1	2	2	3	3	3
23	****	2	3	2	2	3	2	2	2	2	2	4	2	1	1	2	2	1	1	1	2	1	1	2	2
24	1	1	3	3	2	2	2	3	3	3	3	1	1	2	2	2	2	2	2	1	1	1	1	1	2
25	1	0	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	4	2	2
26	2	1	1	1	1	1	2	2	0	3	3	3	4	4	4	****	4	3	2	2	2	3	3	3	2
27	3	2	2	2	2	2	3	3	2	2	2	2	1	-	1	2	2	3	3	2	3	2	2	2	2
28	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	2	3
29	3	-	2	2	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	2	3	5	6	4	2
30	3	4	1	1	2	2	3	3	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	2
31	1	2	2	1	2	2	3	3	3	3	3	4	4	5	5	4	3	3	3	3	3	2	2	2	3
MEAN	4	3	3	3	3	4	4	4	4	4	3	3	3	2	3	3	3	3	2	3	3	4	4	4	3.2

PERCENTAGE OF OATA VALIO - 97.8 PERCENTAGE OF OATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	4	4	4	4	4	3	5	4	4	3	3	3	3	4	2	3	3	****	3
2	1	1	1	2	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	5	3
3	5	4	4	5	4	3	4	6	6	1	2	2	2	2	2	2	2	2	2	4	4	4	4	3	3
4	4	4	4	4	4	4	3	5	5	5	5	3	3	2	1	1	2	2	3	5	4	4	4	3	4
5	3	3	3	3	3	3	3	3	4	2	2	4	2	2	3	2	3	2	2	2	3	4	4	4	3
6	4	3	1	1	1	1	2	2	3	3	3	2	1	1	0	1	1	1	1	2	2	1	2	3	2
7	3	3	3	2	2	2	3	3	3	****	3	4	****	3	2	2	2	2	2	2	2	3	3	3	3
8	2	2	3	3	3	3	3	4	3	2	3	4	2	3	4	4	3	****	3	3	3	3	2	2	3
9	3	2	2	1	1	1	2	3	3	3	3	4	3	1	1	1	1	2	2	2	3	3	2	3	2
10	2	5	4	4	3	3	3	3	2	2	3	3	2	2	2	3	3	2	2	3	3	1	1	1	3
11	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
12	3	3	2	2	2	2	1	2	1	1	1	1	0	1	1	1	1	1	1	1	3	3	4	4	2
13	4	4	4	3	3	3	4	4	4	4	2	2	2	2	3	3	3	2	2	2	2	4	3	2	3
14	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	1	2
15	1	1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
16	2	2	2	2	2	3	3	3	4	4	4	3	3	5	3	2	2	3	3	4	5	5	5	4	3
17	4	3	3	4	4	4	5	3	4	4	5	4	4	4	4	4	5	4	3	2	3	****	2	2	4
18	1	1	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4
19	4	3	2	3	2	2	2	3	2	2	2	1	1	2	2	2	1	3	3	4	5	4	2	1	2
20	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	4	4	4	4	3	3	4	4	4	3
21	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	4	5	4	4	4	3
22	3	3	3	3	3	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	4	3
23	5	3	2	3	2	3	3	3	2	2	2	3	2	2	2	4	4	4	2	2	3	2	3	2	3
24	2	2	2	2	2	2	2	3	3	2	3	2	2	2	2	3	3	2	3	3	2	3	4	4	3
25	4	4	4	4	3	3	3	4	3	4	4	3	2	2	3	4	3	3	4	5	5	4	3	2	3
26	2	2	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1
27	2	2	3	3	3	3	4	5	6	5	4	2	1	1	1	1	1	1	2	2	2	2	2	2	3
28	2	3	3	3	4	5	5	5	1	2	2	3	3	2	2	2	3	2	3	2	2	2	3	2	3
29	1	1	1	2	3	3	3	2	2	2	2	2	0	1	2	2	2	2	4	4	4	4	4	4	2
30	4	4	3	3	4	3	4	4	4	****	****	6	4	3	3	4	4	3	4	4	4	4	3	3	4
31	4	4	3	3	3	3	3	3	3	3	3	3	3	1	2	2	1	1	2	3	2	2	2	3	3
MEAN	3	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	2.7

PERCENTAGE OF OATA VALID - 98.9 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
2	2	3	2	2	2	2	2	2	2	3	3	2	3	2	1	2	2	1	2	4	4	4	3	5	3
3	4	4	4	4	4	4	4	3	3	3	2	2	2	2	1	1	2	3	2	2	1	2	2	2	3
4	2	2	2	1	1	2	2	1	2	2	2	2	3	3	3	3	3	2	3	4	3	4	3	4	2
5	3	4	4	3	4	4	4	****	3	6	3	4	4	3	4	4	4	3	3	3	4	6	6	6	4
6	7	7	7	7	7	6	7	7	9	8	6	5	4	4	4	4	4	4	4	6	6	5	5	5	6
7	5	3	3	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	3	3	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3
9	4	4	4	4	3	3	3	4	4	3	4	3	2	****	3	3	3	3	2	4	6	5	4	4	4
10	4	3	2	3	4	3	3	4	4	3	4	3	5	4	4	4	5	6	5	4	3	2	3	2	4
11	2	3	2	2	2	3	3	3	3	3	3	3	3	4	4	-	3	2	3	3	3	5	4	4	3
12	4	3	3	3	3	4	5	5	5	3	3	3	3	2	2	2	4	3	3	4	3	3	3	3	3
13	3	3	3	2	2	3	3	3	3	4	5	5	5	5	4	2	3	4	5	5	4	4	4	2	4
14	1	1	1	1	1	1	2	3	2	2	3	****	3	3	3	3	3	3	3	3	3	3	2	2	2
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	4	4	4	4	3
16	4	4	4	4	3	3	3	4	6	4	6	3	2	1	2	2	2	2	2	4	3	3	4	4	3
17	4	4	5	5	4	4	5	2	5	5	5	4	2	2	3	2	2	2	3	4	4	4	5	4	4
18	4	4	5	4	4	4	4	4	4	4	4	3	4	2	3	3	3	3	3	****	3	2	2	1	3
19	1	1	1	1	1	1	2	3	3	2	2	2	2	2	3	3	3	****	3	3	4	4	3	2	2
20	3	2	2	3	2	3	3	3	4	3	4	3	2	2	2	2	2	3	4	5	6	5	4	4	3
21	4	4	4	4	4	3	4	5	5	5	2	3	3	4	4	3	3	3	2	3	****	3	3	2	3
22	2	2	2	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	3	3	3	3	3	2
23	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	2	3	2	3	2	2	1	2
24	1	1	1	1	3	3	3	4	6	3	2	2	2	2	1	3	4	4	5	5	4	3	3	4	3
25	4	4	4	4	4	4	4	6	8	9	7	6	5	4	4	5	3	3	6	5	5	5	5	5	5
26	4	4	4	4	4	4	4	5	7	8	9	10	8	5	4	3	3	3	6	6	5	5	5	5	5
27	5	5	5	5	4	5	5	6	5	4	3	2	2	2	2	2	2	2	4	5	5	4	4	4	4
28	4	3	3	2	3	2	2	3	3	2	3	3	2	2	2	2	3	2	4	5	5	5	4	4	3
29	4	4	3	3	3	3	4	3	3	4	7	7	2	2	2	1	2	3	3	2	3	5	5	5	3
30	4	4	3	3	2	2	3	3	4	5	4	7	6	4	3	2	3	3	4	5	5	4	4	4	4
MEAN	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	3	3	3	4	4	4	3	2	4	4	5	6	5	4	4	5	3	2	1	1	1	3
2	0	0	0	0	1	2	2	3	3	3	2	2	2	2	2	3	4	4	4	2	2	2	2	3	2
3	2	2	2	2	1	1	1	1	****	2	2	3	2	3	3	3	4	4	4	4	3	3	4	3	3
4	3	3	3	3	2	3	3	3	3	3	3	3	4	4	4	5	5	4	5	4	4	4	4	4	4
5	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4	3	4
6	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	2	2	2	2
7	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	2
8	3	-	3	3	3	2	3	****	3	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	3
9	4	4	2	1	2	2	3	2	2	3	-	****	3	3	3	3	3	3	4	4	4	3	4	3	3
10	3	3	-	3	4	****	4	6	5	5	3	3	2	2	3	3	3	4	4	4	4	3	3	3	4
11	4	3	3	3	3	3	3	3	3	3	3	2	2	3	****	****	2	1	2	1	2	1	1	1	2
12	1	1	1	2	2	2	2	1	1	****	2	3	3	3	3	4	3	3	2	2	2	2	3	3	2
13	3	2	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	3	3	3	3	3	2	2	2
14	2	2	2	3	3	3	3	2	2	2	1	1	1	1	2	2	2	3	4	4	4	3	4	3	2
15	3	3	3	3	3	3	3	-	3	3	3	3	3	4	3	4	4	4	3	4	4	4	4	4	3
16	4	3	4	4	****	4	4	5	5	3	3	-	4	4	4	4	4	4	3	3	3	3	3	3	4
17	2	3	3	3	3	3	3	-	-	3	3	3	4	5	5	5	4	4	4	4	4	4	3	3	4
18	3	1	2	2	2	2	3	3	2	4	4	4	3	4	5	5	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	4	3	3	****	3	3	3	1	1	4	-	-	5	6	5	3	4	4	4	3
20	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2
21	3	3	2	2	1	2	2	2	2	2	1	2	3	2	2	3	3	4	4	3	4	3	2	1	2
22	1	2	2	2	2	2	2	2	2	2	3	3	2	1	1	2	2	3	2	1	1	2	2	1	2
23	1	1	1	2	2	2	1	1	1	-	****	****	****	****	****	****	2	2	3	3	3	3	2	2	2
24	1	1	1	1	1	2	2	3	2	2	2	2	2	2	3	3	3	3	3	2	2	-	2	2	2
25	1	1	1	1	1	2	3	3	3	3	3	3	3	4	3	4	4	3	4	3	3	2	3	3	3
26	4	4	4	2	1	2	3	3	4	3	3	3	3	-	3	4	4	4	4	4	4	5	4	4	3
27	4	4	4	4	5	4	3	3	3	-	2	2	2	2	3	2	2	3	4	3	2	2	4	5	3
28	5	3	2	1	1	-	-	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2
29	4	3	3	3	3	3	3	3	4	4	5	5	5	4	4	4	4	6	5	4	4	4	5	4	4
30	4	3	3	2	2	2	2	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	3	2	3
31	2	2	2	2	2	3	3	4	3	3	2	2	2	2	2	3	4	4	3	2	2	2	2	1	2
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	1	1	1	2	3	1	7	3	4	4	4	****	****	5	5	5	5	5	5	4	3
2	4	4	4	4	5	5	5	5	5	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	5
3	6	7	8	8	6	6	6	5	6	6	8	8	7	7	6	6	6	6	6	6	6	6	6	-	6
4	5	5	5	5	4	5	5	5	5	5	5	5	6	7	7	7	6	6	7	7	7	7	7	6	6
5	7	7	7	6	5	6	6	7	7	6	5	5	6	6	6	7	7	7	6	6	6	6	6	6	6
6	6	6	6	6	7	7	6	6	6	6	5	6	6	7	6	6	6	6	6	6	4	4	4	4	6
7	4	3	3	3	2	3	4	4	5	5	5	5	4	5	5	5	5	5	5	4	4	5	4	4	4
8	5	5	5	5	4	-	****	4	2	3	2	2	3	2	3	3	3	3	3	3	3	3	4	4	3
9	4	4	4	4	4	4	4	4	1	3	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3
10	3	3	2	2	2	2	2	3	3	4	4	4	4	4	5	****	5	5	5	4	4	4	4	4	4
11	3	3	-	3	1	1	2	2	2	2	2	2	-	3	3	3	4	4	4	5	5	5	4	5	3
12	5	5	5	-	4	5	5	5	5	5	4	3	3	4	5	5	4	5	6	5	6	6	6	6	5
13	5	5	4	4	4	4	5	5	5	6	5	7	5	5	4	4	4	4	3	3	3	3	3	2	4
14	2	2	2	2	2	2	2	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	2	2	2	2	2	2	2
16	2	1	1	0	0	0	1	3	3	3	5	4	2	3	3	3	4	3	3	4	3	3	3	3	3
17	3	3	3	3	3	3	3	3	3	3	5	5	5	5	5	6	6	6	7	8	6	6	5	5	5
18	5	5	4	4	4	4	4	4	4	5	6	7	6	5	6	6	7	8	7	7	6	5	5	6	5
19	6	5	6	6	4	4	4	5	5	5	****	****	6	4	4	4	5	5	4	4	3	3	4	4	5
20	5	5	4	4	4	4	4	4	4	5	4	5	5	5	5	5	5	5	5	4	4	3	3	2	4
21	2	2	2	1	1	1	1	2	2	2	3	3	4	4	4	5	5	-	5	6	6	5	5	5	3
22	4	5	4	3	3	3	3	3	4	4	4	4	4	3	3	1	4	4	3	2	2	2	2	2	3
23	1	1	1	2	3	2	3	3	4	5	5	4	4	4	4	4	4	5	4	4	3	3	3	3	3
24	3	3	3	3	3	2	3	3	3	4	3	3	3	3	4	4	4	4	4	4	4	****	3	3	3
25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3
26	3	3	2	2	1	1	1	2	2	0	0	0	0	0	1	4	3	4	4	4	3	3	3	3	2
27	3	3	2	3	2	3	3	2	2	2	2	3	3	3	4	3	4	4	4	3	4	3	3	3	3
28	3	3	3	2	2	2	3	3	3	2	3	3	2	3	3	3	3	3	3	2	2	2	2	2	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	-	****	3	3	3	3	3	3	2
30	3	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3
MEAN	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	3.8

PERCENTAGE OF OATA VALIO - 97.6 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	3	3	3	3	3	3	4	4	****	4	4	4	4	4	3	4	4	3
2	4	3	2	2	2	2	3	3	4	4	4	4	5	5	5	5	6	6	6	5	6	5	5	6	4
3	6	7	6	6	4	4	3	4	3	5	5	5	5	6	5	5	****	5	5	4	5	5	5	4	5
4	4	5	5	4	4	5	4	4	5	5	5	5	5	5	5	5	6	6	5	5	5	4	4	4	5
5	4	4	3	3	4	4	4	4	4	4	3	4	5	7	7	8	7	7	6	5	7	7	5	6	5
6	6	5	4	5	5	5	4	5	5	4	4	4	3	3	3	3	3	3	3	3	2	1	3	2	4
7	2	2	2	2	2	1	1	1	2	2	3	3	3	2	3	3	3	3	2	2	2	2	2	1	2
8	1	1	1	1	0	1	1	1	2	2	2	2	2	2	2	2	3	3	****	3	2	3	2	3	2
9	3	3	3	3	3	2	2	1	1	2	1	1	1	3	3	3	3	3	4	4	5	4	3	3	3
10	3	4	3	3	2	3	3	3	4	3	3	4	4	4	4	4	5	5	5	4	4	4	4	4	4
11	4	3	2	2	2	2	2	3	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4
12	2	1	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2
13	2	2	1	1	1	1	2	2	2	2	3	3	2	2	3	3	3	3	3	3	3	2	2	2	2
14	2	2	2	1	0	1	1	1	****	3	****	3	3	****	4	****	4	5	4	4	4	5	6	5	3
15	5	5	4	3	3	3	3	3	2	2	3	3	4	5	4	4	4	4	4	3	3	3	3	3	3
16	3	4	3	3	3	3	3	3	3	3	4	3	3	2	2	2	2	2	2	1	2	1	1	2	3
17	2	2	2	2	3	4	4	4	3	4	3	3	4	4	4	4	4	4	5	4	4	5	5	4	4
18	4	3	3	3	3	3	3	3	3	3	5	5	5	4	3	4	4	4	4	4	3	3	3	3	4
19	3	3	3	3	3	3	3	3	4	5	5	6	7	8	0	8	5	5	5	6	6	5	3	4	4
20	4	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	4	4	5	4	4	5	4
21	4	4	4	4	4	4	3	3	3	4	6	4	4	4	4	4	5	5	5	5	4	4	4	4	4
22	3	3	3	3	2	2	3	3	3	3	4	4	3	4	3	3	3	3	3	3	3	3	2	2	3
23	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	3	3	3	2	2	3	3
24	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	4	4	5	4
25	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
26	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	3	2
27	3	2	2	2	1	1	2	2	1	3	3	4	5	5	5	5	5	4	4	4	4	4	4	3	3
28	3	3	2	2	2	2	2	3	3	3	4	4	5	5	5	5	5	5	5	4	5	4	4	4	4
29	3	4	4	4	4	4	4	3	4	4	3	4	4	4	5	6	4	4	6	5	5	5	6	5	4
30	4	4	4	4	4	4	4	4	4	4	6	6	7	6	6	5	3	3	3	4	3	3	4	4	4
31	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	4	4	4	4	4	5	5	4	-	4
MEAN	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3.4

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	4	6
FEB	28	3.2	7	12
MAR	31	3.7	5	8
APR	30	3.7	6	13
MAY	31	3.6	5	9
JUN	30	3.4	6	12
JUL	31	3.2	6	16
AUG	31	2.7	4	6
SEP	30	3.3	6	10
OCT	31	2.8	4	6
NOV	30	3.8	6	8
DEC	31	3.4	5	8
YEAR	365	3.3	7	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	78	595	50	0	0	0	0	723
FEB	33	418	183	27	1	0	0	662
MAR	26	298	396	9	0	0	0	729
APR	29	320	325	24	1	0	0	699
MAY	39	302	380	8	0	0	0	729
JUN	47	371	250	30	2	0	0	700
JUL	105	383	187	50	2	1	0	728
AUG	108	450	178	0	0	0	0	736
SEP	50	391	252	20	0	0	0	713
OCT	77	464	173	0	0	0	0	714
NOV	33	299	336	35	0	0	0	703
DEC	45	361	318	12	0	0	0	736
YEAR	670	4652	3028	215	6	1	0	8572

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.9	0	1.1	2.0	2.6	3.4	4.7	5.4	6.4	7.0	16	3.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	3	4	4	4	4	4	****	3	******
6	2	3	3	3	3	3	3	3	3	2	2	2	2	3	2	3	4	4	3	4	4	4	4	4	3
7	4	3	3	3	3	3	3	3	3	3	3	2	1	0	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1	1	1	2	1	1	0	1	1	1
9	2	3	2	2	2	3	2	3	3	3	3	3	2	2	2	****	3	4	4	4	5	3	2	2	3
10	1	1	2	2	1	2	2	3	3	2	1	1	0	****	0	0	1	2	2	3	3	4	****	3	2
11	3	3	3	3	3	3	3	3	3	3	3	2	1	1	2	2	4	3	-	-	-	3	3	4	3
12	4	3	3	3	3	3	3	3	4	****	2	2	2	2	2	3	4	4	-	-	3	3	3	3	3
13	3	3	3	2	3	2	2	2	3	2	2	3	2	2	3	3	3	3	3	3	3	3	****	3	3
14	3	3	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	1
15	0	1	1	0	0	1	2	2	2	2	3	2	3	2	3	4	3	4	4	4	4	4	3	3	2
16	3	3	4	4	3	3	2	3	3	2	****	1	1	2	3	3	5	8	6	5	4	5	5	4	4
17	4	3	3	3	3	3	3	4	3	3	4	3	3	3	****	2	2	2	1	1	1	2	2	1	3
18	0	0	0	1	1	0	0	0	0	0	-	-	****	2	1	1	2	5	3	5	2	3	6	3	2
19	4	3	3	2	1	1	3	3	3	2	2	1	-	2	2	2	4	2	3	2	2	2	3	2	2
20	3	3	3	3	3	3	3	3	3	2	3	2	2	3	3	3	3	2	3	3	3	3	3	3	3
21	4	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	2
22	1	2	1	0	0	-	1	1	1	0	0	0	0	****	****	****	1	****	2	2	3	2	2	4	1
23	3	3	4	3	3	2	2	3	3	2	****	3	3	3	3	4	5	4	3	3	3	3	2	2	3
24	2	2	2	1	1	1	1	2	3	-	****	2	2	2	3	4	4	3	3	3	2	2	2	1	2
25	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1
27	1	1	1	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2
28	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	0	1	1	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
30	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	1	-	1	2	1	2	2	2	1
31	2	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	0	1	1	1	1	1	0	0	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 81.5 PERCENTAGE OF DATA INVALID - 17.1 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	2	1	1	1	1	0
2	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1	1	3	4	4	5	8	6	5	2
3	6	6	7	6	5	6	6	6	6	5	4	3	3	4	5	4	4	4	3	3	3	3	4	4	5
4	4	4	5	4	3	2	2	2	2	1	0	1	1	1	1	1	1	1	2	1	1	2	1	1	2
5	1	2	1	2	1	1	1	2	3	1	2	1	1	1	1	1	-	1	2	2	3	3	3	4	2
6	4	4	4	4	4	4	5	4	4	****	3	4	2	2	2	2	2	3	3	4	4	4	4	4	3
7	5	4	4	4	4	4	4	4	4	4	3	3	4	5	3	5	4	3	2	1	2	2	2	2	3
8	1	1	1	2	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	1	1	1	1	1	2	2	2	1	1	0	0	0	****	0	1	1	2	1	1	2	3	4	3	1
10	3	2	2	3	2	2	1	0	0	0	0	0	0	0	0	0	0	1	3	4	3	3	2	2	1
11	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	1	1	2	2	2	2	1	1
12	1	1	1	1	1	1	1	1	2	2	5	2	1	1	0	1	2	1	1	0	1	1	1	1	1
13	1	2	1	1	1	1	1	3	3	3	1	0	0	1	0	0	2	2	****	4	4	3	4	4	2
14	3	2	2	1	1	1	1	3	1	1	3	2	2	2	1	3	3	3	2	2	3	4	3	3	2
15	2	3	2	2	2	1	2	3	3	2	2	1	2	1	1	1	2	1	-	1	1	1	1	2	2
16	1	2	1	1	1	0	0	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	2	1
17	-	2	1	1	1	1	1	2	2	1	1	2	1	-	1	1	1	2	2	2	3	2	2	3	2
18	2	3	3	3	3	3	4	3	2	2	2	2	2	1	2	2	2	2	3	2	-	2	2	****	2
19	2	2	2	2	2	3	3	5	3	****	****	1	1	2	1	1	3	8	8	7	7	7	7	7	4
20	7	7	7	7	7	6	6	6	6	7	6	5	6	6	6	5	6	6	6	5	6	6	5	5	6
21	5	4	4	4	4	3	4	4	3	4	4	5	3	2	1	1	2	1	1	1	1	1	1	1	3
22	1	1	1	1	2	2	2	3	3	5	1	1	2	4	2	4	4	3	3	4	4	3	3	2	3
23	1	1	1	1	2	2	2	2	1	1	3	4	4	3	3	4	5	4	4	4	4	3	2	3	3
24	3	3	3	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	1	0	0	1
25	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0
26	1	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	****	1	0	0	0	0	0	0
27	0	0	0	0	0	1	1	1	****	****	****	1	1	1	1	0	2	3	3	5	6	5	6	6	2
28	5	5	5	5	5	5	6	6	7	6	6	7	7	6	5	3	6	7	7	6	6	6	5	5	6
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	2	3	3	3	3	2.2

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	2	2	3	4	4	5	4	5	4	****	3	4	4	3	3	3	3	1	1	1	3
2	0	0	0	0	0	1	1	1	1	2	2	3	****	2	1	2	****	-	****	****	****	****	****	****	******
3	****	****	****	****	****	2	3	2	2	2	3	2	3	3	3	3	4	5	5	4	3	2	2	2	3
4	2	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	3	1	0	0	0	2	1
5	1	1	0	0	0	0	0	1	****	****	1	2	2	2	2	3	3	3	3	4	7	3	3	3	2
6	2	2	1	2	1	2	2	3	2	1	****	****	1	1	2	1	1	1	1	4	4	4	4	3	2
7	-	****	1	1	2	3	3	2	2	2	2	7	3	3	2	2	3	3	4	5	3	3	3	3	3
8	3	4	2	3	3	4	2	3	3	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2
9	1	1	1	2	4	3	4	4	4	3	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3
10	3	3	3	2	2	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1
11	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
12	2	0	0	0	0	0	1	2	0	****	0	0	0	****	0	1	1	1	2	4	3	4	-	5	1
13	5	4	3	2	2	2	2	3	3	4	4	3	4	4	4	6	3	5	5	5	4	4	6	5	4
14	3	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	0	1
15	0	0	0	0	0	0	2	1	0	****	0	0	0	0	0	0	0	1	2	2	3	3	2	2	1
16	1	1	1	1	1	-	3	3	2	2	2	2	1	1	1	1	1	1	2	3	3	4	5	5	2
17	5	5	5	5	4	5	5	5	6	5	6	4	3	3	3	3	3	4	5	4	5	4	5	5	4
18	5	4	4	2	4	5	3	3	5	3	3	3	2	2	2	2	1	2	3	2	2	2	3	4	3
19	2	3	1	1	2	2	2	3	2	1	1	2	1	1	2	2	3	3	3	4	3	3	2	2	2
20	1	1	1	1	2	2	3	4	2	****	1	1	1	1	2	1	1	-	****	4	4	****	3	5	2
21	5	4	4	4	4	3	4	4	4	4	4	3	3	2	1	1	1	0	0	1	1	2	3	4	3
22	2	2	1	0	0	0	1	0	0	1	1	1	0	1	1	1	1	2	1	1	2	4	4	2	1
23	2	1	1	1	1	1	2	2	2	3	3	3	2	4	3	2	2	3	1	1	1	1	1	1	2
24	1	1	1	1	2	2	2	2	1	2	2	2	4	2	2	3	3	4	3	3	3	3	2	2	2
25													- OATA INVALIO -												
26													- OATA INVALIO -												
27													- OATA INVALIO -												
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	3	3	3	3	3	4	4	******
29	4	4	4	4	****	3	4	****	****	3	2	2	2	3	****	3	4	3	4	5	4	4	4	4	4
30	3	5	5	4	3	3	4	6	-	5	6	5	5	6	5	5	5	6	6	6	5	6	6	5	5
31	2	4	4	4	2	2	2	2	2	2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2.2

PERCENTAGE OF OATA VALIO - 83.6 PERCENTAGE OF OATA INVALIO - 15.6 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	3	2	2	3	2	3	3	2
2	2	1	2	2	2	2	2	4	3	4	****	****	****	****	3	2	2	2	2	2	1	1	1	1	2
3	1	1	3	2	4	3	2	3	2	1	0	0	0	1	1	1	1	1	1	3	4	5	5	6	2
4	4	3	1	1	2	2	2	3	3	2	2	2	2	2	2	2	****	2	1	0	0	0	0	0	2
5	1	1	1	2	1	****	2	1	-	-	****	0	2	2	3	4	****	3	3	5	6	2	1	1	2
6	1	1	1	1	1	1	1	1	1	****	****	1	1	0	0	0	0	0	0	0	0	1	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	3	2	0
8	1	1	1	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	0	1	1
9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	2	2	4	4	4	1
11	4	3	4	2	2	2	2	2	3	1	1	1	2	2	1	2	2	2	3	3	2	3	3	2	2
12	2	1	1	1	0	0	0	2	4	2	2	3	3	3	2	3	3	3	3	3	4	3	3	3	2
13	3	3	2	2	2	2	2	2	2	2	2	2	3	2	3	4	3	3	4	3	2	2	2	3	3
14	1	2	1	2	2	1	2	2	2	2	2	3	4	2	1	1	1	1	1	2	1	1	1	1	2
15	1	1	1	1	0	1	0	0	1	0	0	0	1	1	1	0	0	1	1	1	1	0	1	1	1
16	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	****	1	1	****	1	2	1	1
17	1	1	1	1	1	1	1	1	1	0	0	0	0	-	1	0	1	2	1	3	3	4	2	3	1
18	4	4	4	4	2	1	1	1	0	****	0	****	-	-	1	1	2	0	1	2	1	1	2	3	2
19	4	4	4	3	3	4	3	3	1	1	0	1	1	1	1	1	****	1	1	2	3	3	5	5	2
20	5	4	4	3	3	3	3	4	3	4	4	4	2	1	1	2	2	1	3	3	3	2	3	4	3
21	4	4	2	2	2	3	2	4	3	4	4	5	5	5	5	6	7	6	5	6	6	6	2	1	4
22	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	2	2	2	3	4	3	5	4	5	1
23	5	4	4	4	4	3	3	3	4	4	7	4	4	5	6	4	4	5	6	5	6	5	5	4	5
24	4	5	6	5	5	4	3	4	4	5	4	****	6	6	6	****	5	5	6	5	3	3	2	2	4
25	2	1	1	2	1	****	2	2	3	2	3	4	5	4	4	4	5	4	5	6	6	5	4	4	3
26	2	1	1	1	2	4	2	2	3	2	2	1	1	1	1	2	2	1	1	1	1	1	0	0	1
27	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	2	3	3	3	4	1
28	4	3	3	2	1	1	1	1	1	0	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1
29	1	1	1	1	1	1	2	1	1	0	0	1	0	1	1	0	1	1	0	2	3	1	1	0	1
30	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	3	2	2	2	1.8

PERCENTAGE OF OATA VALIO - 96.7 PERCENTAGE OF OATA INVALIO - 2.5 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	2	3	3	4	3	3	1	
2	3	3	3	2	2	2	3	2	1	****	1	1	1	1	1	2	2	2	2	3	2	1	1	1	2	
3	1	1	1	1	1	1	2	2	2	3	5	5	4	1	1	1	1	2	1	1	1	2	1	1	2	
4	0	1	1	0	0	1	1	1	0	0	0	0	1	1	1	1	-	1	2	2	1	1	1	0	1	
5	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	1	2	3	3	3	2	3	2	1	1	
6	1	1	0	1	2	1	1	2	3	4	3	4	4	4	3	3	2	2	1	2	1	1	1	1	2	
7	1	1	1	****	1	1	2	2	2	****	****	2	2	1	2	1	****	1	1	2	1	1	1	1	1	
8	2	2	2	2	1	3	2	4	5	4	4	5	5	5	3	3	5	4	3	4	5	5	6	5	4	
9	6	6	5	5	5	5	6	6	3	3	4	4	3	4	3	4	5	4	5	5	4	5	4	5	5	
10	4	6	4	4	4	3	4	5	4	6	5	7	8	4	2	2	2	4	3	2	2	2	3	3	4	
11	1	1	2	1	1	3	4	5	8	6	5	3	4	5	4	3	4	3	3	2	2	2	1	2	3	
12	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
13	2	2	4	4	4	3	3	4	4	5	3	2	1	1	2	1	2	2	3	4	3	4	6	6	3	
14	3	3	4	4	5	4	5	4	3	****	****	3	2	1	1	1	1	1	3	2	2	1	3	2	3	
15	3	2	2	2	2	3	3	2	2	1	****	1	1	1	2	0	0	0	1	1	3	2	1	0	2	
16	1	2	3	2	1	3	1	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	3	5	1	
17	-	2	2	****	4	4	4	4	2	2	2	2	2	2	2	1	1	1	2	3	2	2	1	1	2	
18	2	2	0	0	1	2	4	6	5	5	2	3	3	8	2	2	2	2	3	3	3	3	3	2	3	
19	1	1	1	0	0	1	1	2	3	****	2	4	4	1	3	3	1	1	1	1	2	4	3	5	2	
20	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	4	2	3	1	
21	****	2	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	****	0	****	****	****	1	1	1	2	1	1	1	2	2	4	****	******	
23	2	3	1	1	2	2	3	2	2	1	0	0	0	0	0	****	1	0	1	0	0	0	0	0	1	
24	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	1	1	2	1	1	2	2	2	1	
25	1	1	1	1	-	****	2	2	1	2	****	2	2	1	1	2	1	1	1	1	1	1	1	1	1	
26	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	3	2	3	4	3	3	4	2	
27	4	4	3	3	2	2	2	2	2	3	3	2	3	3	3	2	3	3	4	5	5	5	5	4	3	
28	5	5	4	3	****	2	2	2	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******	
29												- DATA INVALID -														
30												- DATA INVALID -														
31												- DATA INVALID -														
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.0	

PERCENTAGE OF DATA VALID - 81.9 PERCENTAGE OF DATA INVALID - 17.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1												- DATA INVALIO -														
2	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	******	
3	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	
4	1	1	1	0	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******	
5												- DATA INVALIO -														
6												- DATA INVALID -														
7	****	****	****	****	****	****	****	****	0	0	1	1	****	****	****	****	****	****	****	****	****	****	****	4	4	******
8	2	3	3	2	2	3	3	****	2	2	3	4	3	4	3	3	5	5	4	3	4	4	3	2	3	
9	2	1	1	1	1	1	2	1	1	1	1	1	1	1	4	4	4	4	4	2	2	2	3	1	2	
10	3	4	5	5	5	5	5	5	5	3	3	3	8	3	3	2	1	0	0	0	0	0	0	0	3	
11	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	1	0	-	-	0	2	3	2	3	1	
12	2	2	2	2	1	1	1	0	0	1	0	0	0	0	0	0	1	1	****	1	2	4	4	4	1	
13	4	3	3	3	3	3	5	6	1	0	0	1	1	1	1	1	1	1	2	2	2	1	2	1	2	
14	1	1	1	3	****	2	2	3	2	2	5	5	3	3	4	2	2	5	3	2	3	4	4	4	3	
15	4	4	5	5	3	6	5	4	3	1	****	****	1	2	3	3	6	7	9	6	6	5	5	5	4	
16	4	4	3	4	3	3	3	3	1	1	1	1	2	1	3	2	2	3	3	3	3	2	3	2	3	
17	3	3	5	4	5	5	6	5	5	5	5	3	2	2	1	1	1	0	0	0	0	0	0	0	3	
18	0	0	0	0	0	0	1	0	0	****	****	0	0	1	0	0	1	1	1	0	0	0	0	0	0	
19	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	3	2	2	1	
20	****	0	0	0	0	1	1	2	1	1	1	1	2	1	2	3	1	0	0	0	0	0	1	0	1	
21	2	2	2	1	2	1	2	2	2	1	1	0	0	2	3	2	2	3	3	3	2	1	2	3	2	
22	2	2	1	0	0	0	2	0	1	****	0	1	0	0	0	0	-	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
25	1	1	0	1	1	1	1	0	****	0	1	1	1	0	0	1	-	1	1	1	3	4	3	4	1	
26	3	3	5	3	4	4	6	6	4	2	1	1	4	3	3	3	4	4	5	4	5	5	4	5	4	
27	4	4	6	5	3	3	3	3	2	4	2	1	1	1	1	1	2	1	3	2	2	2	2	2	3	
28	1	0	0	0	0	0	1	0	****	0	****	0	0	0	0	0	0	0	0	0	1	2	2	2	0	
29	2	3	2	1	2	1	2	2	1	2	3	4	4	5	2	1	2	1	1	2	2	1	1	-	2	
30	1	1	0	0	0	0	1	2	2	2	1	1	1	1	1	-	1	1	1	1	1	1	1	0	1	
MEAN	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	1.6	

PERCENTAGE OF DATA VALID - 80.4 PERCENTAGE OF DATA INVALID - 18.3 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	1	2	1	1	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	3	3	1
3	3	2	2	2	3	2	1	1	0	0	****	****	****	0	0	0	1	1	1	1	1	2	1	1	1
4	0	0	0	0	1	1	2	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0
5	0	0	0	0	0	1	1	0	0	0	0	****	****	0	0	0	0	0	0	0	2	2	2	2	0
6	2	2	2	2	2	2	2	2	1	0	1	0	0	0	0	0	0	0	0	1	3	3	3	3	1
7	3	2	2	3	3	2	6	7	3	4	2	1	1	1	1	1	1	1	2	2	2	4	4	2	3
8	3	3	4	2	2	3	4	2	2	2	0	0	0	0	0	0	0	1	1	2	3	5	5	1	2
9	1	1	1	0	0	1	2	3	****	****	2	2	****	1	1	****	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	****	****	0	0	0	-	0	0	0	****	0	0	1	1	3	2	1	2	******
11	3	4	4	2	3	3	3	3	****	1	0	0	0	****	****	4	2	2	2	2	3	3	4	5	3
12	4	2	3	4	4	3	3	3	3	2	1	0	0	1	2	1	1	1	1	4	4	4	5	5	3
13	2	2	3	1	1	1	2	1	1	1	****	1	1	1	1	1	1	1	1	1	2	2	2	2	1
14	3	4	4	4	3	3	3	3	2	3	2	2	1	4	4	2	3	5	4	5	6	6	4	3	3
15	2	2	2	2	1	1	1	0	0	1	1	1	1	2	1	0	0	0	1	2	2	5	5	5	2
18	3	3	1	1	1	1	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	****	0
17	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
18	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	3	3	3	2	1
19	2	2	2	2	3	2	4	3	2	1	0	0	0	0	0	0	0	0	1	3	5	5	3	5	2
20	5	3	3	2	3	3	3	3	4	2	1	0	1	0	0	0	1	1	1	3	5	11	7	8	3
21	****	5	6	6	6	6	8	5	5	2	2	1	1	2	2	2	1	2	2	3	2	2	5	4	3
22	3	5	2	1	2	4	-	4	2	4	1	2	1	0	1	1	1	****	2	2	1	3	3	2	2
23	****	1	1	1	1	1	3	3	****	****	5	5	3	1	1	1	2	3	2	2	2	2	1	2	2
24	1	1	3	5	2	2	4	4	6	4	3	6	4	2	2	2	3	3	3	4	4	3	3	2	3
25	2	7	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	4	2	3	3
26	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	2	2	2	0
27	2	2	1	1	1	2	2	****	1	2	2	3	2	-	0	1	2	3	2	****	3	2	1	1	2
28	0	0	1	1	1	2	3	2	1	0	-	0	1	0	0	0	0	0	0	-	3	3	2	2	1
29	2	2	2	2	2	1	1	0	0	0	0	3	0	0	0	0	0	0	1	1	3	4	4	4	1
30	2	3	4	3	3	2	4	5	2	1	0	1	1	1	1	1	2	1	2	3	2	2	3	5	2
31	4	2	1	1	2	4	5	5	2	2	****	2	3	4	1	1	0	0	0	0	0	0	0	0	2
MEAN	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1.7

PERCENTAGE OF DATA VALID - 93.7 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	1	1	1	1	2	****	0
2	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	1	2	4	4	3	3	1
3	2	2	2	2	2	3	3	4	3	2	3	2	2	2	2	2	3	2	3	5	4	3	4	5	3
4	4	4	3	2	2	2	2	2	2	1	1	0	0	0	0	1	1	2	2	2	1	1	1	2	2
5	3	3	3	2	2	2	1	1	1	0	0	0	1	1	1	1	1	1	0	1	2	2	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0
7	3	3	2	2	2	2	3	3	****	****	3	4	****	3	1	0	1	1	0	1	1	0	0	0	2
8	0	1	2	2	1	2	2	2	2	2	1	2	1	1	1	1	2	****	1	0	0	0	0	0	1
9	0	0	0	0	1	3	4	4	3	1	3	2	1	1	2	3	2	1	1	1	1	1	1	1	2
10	4	4	1	1	1	0	0	0	0	1	0	1	****	1	1	1	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
12	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	3	2	2	2	1
13	2	4	3	3	3	3	3	3	2	3	4	2	2	1	1	1	2	3	4	3	1	1	1	1	2
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0
16	2	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	2	5	5	6	4	3	1
17	4	4	4	5	4	2	2	2	2	1	1	3	3	1	2	4	2	1	2	3	3	4	4	4	3
18	4	4	3	2	2	4	5	4	2	1	1	1	0	1	1	1	1	1	2	4	4	1	1	0	2
19	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0
20	1	2	1	0	0	1	2	2	1	1	1	1	1	0	1	1	2	1	1	2	1	1	1	0	1
21	0	0	0	1	1	2	3	3	****	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	1
22	2	1	1	1	2	1	3	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1
23	1	1	1	2	2	2	3	3	3	3	2	3	4	3	4	5	3	1	1	1	1	1	2	4	2
24	4	4	3	3	3	2	3	3	2	3	3	2	2	2	2	1	2	2	2	2	2	2	1	1	2
25	1	1	1	1	1	1	2	3	1	1	0	0	0	1	0	1	1	0	1	1	2	2	2	2	1
26	3	3	2	1	1	1	1	1	0	0	0	0	0	0	0	1	1	2	1	1	2	1	1	1	1
27	1	1	1	1	0	1	2	2	3	4	2	0	****	1	3	2	2	1	1	2	1	1	1	1	1
28	1	1	1	1	2	2	2	2	2	2	2	2	5	5	1	3	3	2	2	2	3	3	1	2	2
29	1	1	1	2	3	2	3	3	2	2	3	3	****	5	3	2	2	2	3	4	5	2	3	3	3
30	3	2	2	1	2	1	2	3	2	1	1	1	1	2	1	1	1	2	1	2	2	2	1	2	2
31	1	2	2	2	2	2	3	2	2	2	2	1	2	2	3	5	5	5	3	4	3	4	4	3	3
MEAN	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	6	2	3	4	5	4	4	6	5	2	2	2	2	2	2	2	5	5	4	3	3
2	5	3	4	5	5	4	4	4	4	4	4	8	3	3	3	3	3	3	2	2	2	2	2	2	4
3	1	1	1	2	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
4	0	1	0	0	0	1	2	2	1	1	0	1	****	0	0	0	0	1	1	3	4	2	2	2	1
5	3	1	3	2	2	2	5	****	****	2	1	1	1	1	1	1	2	2	3	5	6	5	6	5	3
6	5	4	4	4	2	3	2	6	1	1	2	2	1	1	1	1	1	2	3	3	4	5	3	1	3
7	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	2	2	1	1	2	1	0	0	0	0	2	3	3	5	4	2	1
9	4	4	2	2	2	1	2	3	5	4	1	2	1	****	****	3	3	3	5	5	4	6	6	6	3
10	5	2	4	3	4	6	6	6	5	****	3	1	1	1	2	1	1	1	0	0	0	0	1	0	2
11	0	0	0	0	0	0	1	2	1	****	****	1	0	0	0	-	1	1	2	3	3	3	3	2	1
12	2	1	1	1	2	2	3	2	2	4	4	5	2	4	5	3	1	2	3	2	1	1	1	1	2
13	1	1	1	1	1	1	2	2	4	2	2	2	5	6	5	6	4	3	2	1	0	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0	0	0	0
15	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	1	0
16	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	2	3	3	4	5	6	5	2	2
17	3	4	4	3	3	3	3	2	2	****	****	1	2	3	3	3	3	3	5	5	5	5	5	7	4
18	6	4	3	3	1	2	2	2	1	1	2	1	0	1	1	1	1	1	1	****	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	2	3	3	3	2	1	1
20	1	1	2	1	1	2	3	5	4	3	3	2	3	3	3	3	3	4	5	6	7	7	6	6	4
21	5	5	5	4	4	4	3	****	****	3	1	0	1	1	1	0	1	1	1	2	****	1	0	0	2
22	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1	2	2	0
23	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1	2	3	3	3	2	2	1
24	1	1	1	1	1	1	3	3	2	2	3	5	5	5	5	4	5	6	4	4	4	4	6	5	3
25	4	2	5	6	5	5	6	6	5	3	2	2	1	1	1	1	1	2	3	4	4	3	3	2	3
26	3	3	3	2	1	2	2	4	3	****	8	6	3	2	2	4	4	6	9	10	8	9	8	7	5
27	6	7	7	7	6	7	6	7	8	7	9	7	6	6	5	5	4	5	6	3	2	2	2	2	6
28	2	1	2	2	4	4	5	5	4	4	4	3	3	3	2	2	2	3	5	4	3	4	4	3	3
29	3	3	4	5	4	5	4	5	6	7	7	8	9	3	1	2	3	5	3	3	3	3	1	2	4
30	2	2	3	2	2	3	4	3	4	4	9	9	3	2	2	1	1	1	1	2	2	1	2	2	3
MEAN	2	2	2	2	2	2	3	3	3	2	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2.3

PERCENTAGE OF OATA VALIO - 97.5 PERCENTAGE OF OATA INVALIO - 2.4 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	1	2	2	3	3	2	2	2	1	1	1	3	4	2	3	3	3	2	2	1	2
2	1	1	1	1	1	1	3	3	2	2	3	3	3	****	2	4	3	2	3	3	2	2	1	1	2
3	1	1	1	0	1	1	2	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	3	2	3	3	3	2	2	2
5	2	1	1	0	1	1	1	2	1	1	1	2	1	1	2	1	1	1	3	3	2	1	1	1	1
6	1	2	2	2	1	2	2	2	2	2	2	3	3	2	2	2	3	3	2	2	1	1	1	1	2
7	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
8	1	-	2	1	2	2	2	2	3	3	2	2	1	1	1	2	2	2	3	3	3	3	3	2	2
9	2	2	0	0	0	0	0	0	1	0	-	****	0	0	1	1	1	0	1	1	1	2	2	1	1
10	1	1	-	1	1	****	3	3	4	3	1	2	2	****	1	1	1	1	1	2	2	2	2	3	2
11	3	3	3	3	3	2	3	2	3	2	2	2	2	2	****	2	2	1	1	2	1	1	2	2	2
12	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
13	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	1	0
14	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	2	2	2	2	3	1
15	4	3	3	2	2	2	2	-	2	2	2	2	2	1	2	1	1	2	4	5	4	3	3	3	2
16	3	3	3	3	2	3	4	3	3	3	2	-	5	4	****	2	5	5	4	4	3	3	3	2	3
17	1	1	2	2	2	2	2	-	-	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2
18	2	2	1	2	2	2	3	3	3	2	1	2	1	1	1	1	4	3	3	2	2	1	2	2	2
19	1	1	1	1	1	2	2	2	2	****	****	4	2	3	4	-	-	3	2	5	3	4	4	4	3
20	4	3	3	3	3	3	3	2	2	2	2	2	3	2	1	2	1	3	4	4	4	3	3	3	3
21	2	3	3	3	3	3	2	2	2	2	2	2	1	1	3	2	2	4	4	3	3	3	3	3	3
22	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	0	0	1	1	1	0	1	1	1	1
23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	0	0	0	****	0	0	0	0	0	0	0	0	1	-	0	0	0
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	1	1	4	0
27	3	3	2	2	2	2	2	1	2	2	1	1	1	1	2	2	3	3	3	2	2	2	2	3	2
28	3	2	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1
29	0	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	2	2	1	2	2	2	2	1
30	1	1	1	1	1	1	1	3	2	0	1	1	1	1	1	2	2	2	2	3	2	1	2	1	1
31	1	1	1	1	1	1	1	2	1	1	2	0	****	****	3	3	3	3	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF OATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 1.5

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	1	1	2	3	2	1	2	2	2	3	2	3	3	1	1	1	1	1	0	1	2
2	1	1	2	2	1	1	1	1	0	0	1	1	2	3	3	3	3	3	4	7	8	10	8	7	3
3	4	3	2	2	3	3	2	3	3	2	2	2	2	1	1	2	2	3	3	2	-	3	4	-	2
4	5	4	4	4	4	4	4	4	4	3	3	2	2	1	1	2	2	3	3	3	3	2	2	3	3
5	2	3	2	2	3	2	2	2	2	3	2	3	2	2	2	4	4	4	3	2	3	2	4	3	3
6	3	3	2	2	3	3	3	3	3	3	2	3	4	3	3	4	4	3	2	1	1	1	0	0	2
7	0	0	0	0	0	0	0	1	5	7	5	4	4	3	2	2	2	2	2	2	2	3	2	2	2
8	2	2	2	2	2	-	****	2	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	0	****	2	2	2	3	2	2	2	-	2	2	2	2	2
10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	1	2	3	3	1
11	3	3	-	2	2	1	1	1	1	0	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	-	1	2	3	4	3	3	1	2	2	3	1	1	2	3	3	2	4	4	3	2	2
13	2	2	2	2	2	3	3	4	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	2	2	1	13	5	5	4	3	3	2	3	3	2	3	3	3	3
15	3	3	2	3	3	3	2	3	2	2	2	2	2	2	2	2	****	****	****	2	1	1	1	1	2
16	0	0	0	0	0	0	0	1	2	2	1	1	1	0	2	2	3	3	3	3	3	3	3	3	2
17	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	3	5	5	6	5	5	4	4	3
18	6	6	6	5	5	5	5	4	5	5	6	6	5	6	6	5	6	6	7	6	6	6	6	5	6
19	6	5	5	4	4	5	5	5	5	6	****	****	5	5	4	4	6	5	5	6	5	5	5	6	5
20	****	****	4	4	4	3	2	3	2	2	2	1	1	2	3	2	3	4	3	4	2	2	2	1	3
21	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	-	4	3	3	3	4	6	2
22	4	4	4	5	5	4	5	4	4	4	3	4	5	5	4	4	5	5	4	5	5	5	4	3	4
23	3	3	4	1	1	2	2	2	2	3	3	3	2	3	2	2	2	4	2	3	3	3	3	3	3
24	2	-	2	2	2	2	2	2	2	1	1	2	2	2	3	4	3	2	2	2	2	****	2	3	2
25	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	1	1	2
27	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	2	3	3	3	2	1	1	1	1	2
28	1	0	1	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
29	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	****	-	****	****	2	2	2	2	1	1
30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF OATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	****	3	2	1	2	2	3	2	2	2
2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	4	2	3	4	4	1
3	5	4	4	3	2	2	2	2	3	3	3	4	3	4	4	2	****	4	4	4	3	2	2	2	3
4	2	2	2	2	2	2	2	3	3	2	1	1	1	2	3	3	3	3	3	3	5	5	4	5	3
5	4	3	3	3	4	3	4	4	4	5	5	3	1	1	****	2	4	5	5	5	3	3	2	3	4
6	3	3	4	2	1	1	1	2	2	2	3	3	3	2	3	3	3	4	3	3	3	3	3	3	3
7	3	5	3	3	3	2	2	2	2	3	3	1	3	4	5	4	3	2	2	2	2	2	2	1	3
8	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	2	****	2	2	1	2	2	1
9	2	1	2	3	2	3	3	3	3	3	3	2	2	1	1	2	2	3	3	3	3	4	3	5	3
10	6	7	7	6	5	4	4	4	4	3	3	2	2	2	4	4	5	5	5	5	5	5	5	5	4
11	5	5	5	5	5	5	4	5	5	4	5	5	6	6	6	6	5	6	5	6	5	5	4	5	5
12	5	5	4	2	2	1	1	1	1	2	1	0	0	1	1	1	1	0	1	1	0	0	0	0	1
13	0	0	0	0	1	0	1	2	2	2	1	0	1	1	1	1	1	2	1	3	3	2	2	2	1
14	2	2	2	1	1	1	1	2	2	2	****	****	1	****	1	****	2	11	7	5	4	3	2	3	3
15	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4
16	3	4	3	3	3	3	3	3	3	3	7	3	2	1	1	1	1	0	0	0	0	0	0	0	2
17	1	2	1	2	5	13	12	14	5	5	9	11	6	4	5	8	11	6	5	4	5	4	3	4	6
18	4	5	5	4	4	5	4	4	3	3	7	11	5	5	3	4	5	5	3	3	4	3	3	3	4
19	3	3	3	3	3	3	3	3	3	3	4	3	****	4	2	3	3	3	3	3	2	3	2	2	3
20	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	3	3	4	3	2	2
21	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	2	2	2
22	3	3	3	3	3	3	3	3	2	3	3	2	3	3	2	3	2	2	2	2	2	3	3	2	3
23	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	2	2	2
24	1	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	1	1	1	1	0
27	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	2	2	1	1
28	1	1	1	0	0	0	1	1	1	0	1	1	0	1	1	1	2	2	2	1	2	1	1	1	1
29	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	2	3	2	2	1	1	2	2	2
30	2	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	2	2	1
31	2	1	1	1	1	1	2	2	4	1	2	2	2	3	2	2	2	2	2	2	2	2	2	-	2
MEAN	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2.3

PERCENTAGE OF DATA VALIO - 98.7 PERCENTAGE OF OATA INVALID - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	1.9	4	8
FEB	28	2.2	6	8
MAR	26	2.2	5	7
APR	30	1.8	5	7
MAY	25	2.0	5	8
JUN	24	1.6	4	9
JUL	29	1.7	3	11
AUG	31	1.4	3	6
SEP	30	2.3	6	10
OCT	31	1.5	3	5
NOV	30	2.4	6	13
DEC	31	2.3	6	14
YEAR	341	1.9	6	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	270	280	55	1	0	0	0	606
FEB	315	187	131	20	0	0	0	653
MAR	244	243	133	2	0	0	0	622
APR	375	207	112	2	0	0	0	696
MAY	277	222	106	4	0	0	0	609
JUN	337	154	85	3	0	0	0	579
JUL	369	238	84	5	1	0	0	697
AUG	437	241	55	0	0	0	0	733
SEP	310	216	150	26	0	0	0	702
OCT	392	302	28	0	0	0	0	722
NOV	195	378	115	7	1	0	0	696
DEC	237	357	126	7	6	1	0	734
YEAR	3758	3025	1180	77	8	1	0	8049

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.9	0	0.0	0.4	1.1	2.1	3.7	4.6	5.5	6.1	14	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - SW ND 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	****	2	2	2	2	2	2	****	3	3	2	1	-	-	-	2	2
3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	1	****	****	2	2	2	2	2	2	2	2
4	1	2	2	2	1	2	2	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	1	1	2
5	1	1	1	1	1	1	2	3	3	2	2	2	2	1	3	4	4	4	4	4	4	4	****	4	3
6	4	3	3	4	4	4	4	4	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	4	3	3	3	3	2	2	2	3	3	3	3	3	3	2	2	2	3
8	2	2	2	2	2	1	1	2	4	4	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3
9	4	3	2	2	2	2	2	3	2	1	3	2	2	2	3	3	4	4	3	3	4	4	4	4	3
10	4	3	3	3	3	3	3	3	3	3	3	3	2	****	2	2	2	3	3	2	3	3	****	3	3
11	3	3	4	4	4	4	4	4	6	6	5	3	3	2	2	2	3	4	-	-	-	4	5	4	4
12	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	4	6	-	-	5	4	4	3	3
13	3	4	3	3	3	3	3	3	3	3	3	2	2	3	3	3	4	3	3	4	4	4	****	4	3
14	4	4	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2
15	1	1	1	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
16	3	3	3	3	3	3	3	4	4	3	3	3	D	6	3	4	4	5	5	5	5	5	5	5	4
17	5	4	4	4	3	3	4	4	4	4	4	3	4	4	4	4	4	4	3	2	2	2	2	2	3
18	2	2	2	1	****	1	2	3	3	2	-	-	2	2	2	2	5	4	4	4	4	3	4	4	3
19	4	4	4	3	4	4	4	4	5	4	4	3	-	3	3	4	4	4	4	4	4	4	4	3	4
20	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
21	3	3	3	3	3	2	2	2	2	2	2	1	2	1	1	2	1	1	1	1	1	1	1	1	2
22	1	1	1	1	D	-	1	1	2	1	2	1	1	1	1	2	2	****	3	2	3	3	3	2	2
23	2	2	1	1	2	2	2	3	3	2	2	3	3	3	3	3	3	4	3	3	4	4	4	3	3
24	3	3	2	2	2	3	2	3	-	-	****	4	3	3	4	4	4	4	5	4	4	4	4	4	3
25	4	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	D	0	1	2	1	1	1	3	2	2	2	2	1	3	3	2	2	2	2	2	2
27	2	2	1	1	1	1	1	2	2	2	3	3	3	3	3	4	4	3	3	3	3	3	3	3	2
28	3	3	3	3	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	3	3	3	2	2	2	2	1	2
30	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	-	3	3	2	2	2	2	2
31	3	2	2	1	2	2	2	3	3	2	2	6	2	2	1	2	2	2	2	2	1	2	1	1	2
MEAN	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - SW ND 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	****	2	2	2	2	2	1	2	2	1
2	-	-	-	-	-	-	-	****	3	2	2	2	2	1	1	3	3	4	4	5	5	5	5	5	3
3	6	6	6	6	7	6	6	6	6	5	6	6	5	4	3	3	4	4	5	5	5	5	4	4	5
4	5	5	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3
5	2	2	1	1	1	1	1	2	2	D	2	1	2	1	1	2	-	3	4	4	3	4	4	4	2
6	4	4	4	4	4	4	4	5	5	5	4	4	4	3	4	4	5	7	5	5	4	4	4	5	4
7	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5	5	5	3	2	2	2	2	4
8	1	1	1	2	2	2	2	3	3	2	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2
9	3	2	2	2	2	1	3	3	3	2	2	2	2	1	0	1	3	3	4	5	5	4	4	4	3
10	3	4	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	2	3	3	4	4	3	2	2
11	3	4	3	2	3	2	3	2	2	2	2	1	2	2	2	2	2	2	3	3	4	4	4	5	3
12	5	3	3	3	2	3	3	3	3	3	3	3	3	2	2	4	3	3	5	4	4	2	3	3	3
13	2	2	2	2	2	1	2	3	3	2	2	1	1	1	1	1	2	3	****	4	4	4	4	4	2
14	4	4	4	4	3	3	3	3	4	3	3	3	3	3	3	4	3	3	3	3	3	3	2	3	3
15	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2
16	1	2	2	1	1	1	2	2	2	1	1	1	1	1	1	D	2	2	2	2	3	3	2	2	2
17	-	2	1	1	2	1	2	2	2	2	1	2	2	-	2	2	2	2	3	4	4	4	5	4	2
18	4	4	4	3	3	****	****	3	****	****	****	****	****	****	****	****	****	****	****	****	-	2	3	****	******
19	2	2	3	3	3	4	4	4	4	5	5	3	2	3	2	4	4	6	7	8	6	5	5	4	4
20	3	4	4	3	4	6	6	7	5	5	5	4	4	5	5	5	6	7	9	8	7	6	6	5	5
21	5	5	4	4	3	4	5	5	5	4	4	4	3	2	2	3	3	3	3	3	3	2	2	2	3
22	2	1	1	1	1	2	3	4	4	3	2	1	2	3	2	3	5	4	5	5	4	3	2	3	3
23	3	3	2	2	2	3	3	4	3	2	5	4	4	4	****	****	****	****	****	****	****	****	****	****	******
24													- DATA INVALID -												
25													- DATA INVALID -												
26													- DATA INVALID -												
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	5	5	5	6	6	6	******
28	6	6	7	7	7	8	11	1D	9	7	9	7	8	7	6	7	8	9	10	1D	9	9	9	7	8
MEAN	3	3	3	3	3	3	4	4	4	3	3	3	3	3	2	3	3	4	4	4	4	4	4	4	3.3

PERCENTAGE OF DATA VALID - 81.1 PERCENTAGE OF DATA INVALID - 17.1 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	3	6	7	7	7	7	7	7	7	7	7	7	7	8	7	8	8	8	7	6	5	5	7
2	3	2	1	2	1	****	2	3	3	2	3	4	4	4	3	****	5	-	****	6	7	7	5	4	4
3	4	4	4	3	4	4	6	5	6	7	6	6	5	5	6	6	7	6	7	6	5	4	3	3	5
4	3	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2	2	2	5	3	3	2
5	2	2	1	1	1	1	2	3	3	2	3	3	2	3	3	0	****	****	****	4	4	7	5	3	3
6	3	2	1	1	2	2	3	4	3	3	3	3	3	3	****	4	5	5	4	4	5	5	5	4	3
7	5	6	8	7	6	6	5	6	6	5	4	4	3	4	4	3	4	5	5	5	4	4	5	6	5
8	5	3	3	3	3	4	4	4	4	2	2	2	2	2	1	1	2	2	4	4	4	4	4	4	3
9	4	4	4	4	4	5	4	7	7	6	5	4	4	4	4	4	6	6	5	6	5	5	5	5	5
10	4	4	3	3	3	2	3	3	3	3	3	3	4	3	3	3	4	3	2	2	2	2	2	1	3
11	1	1	1	1	0	1	0	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	1	1
12	1	1	1	0	0	1	1	2	2	2	1	1	1	****	1	2	2	3	5	6	5	5	-	4	2
13	3	2	3	3	3	2	3	4	4	4	4	4	4	5	4	5	4	3	3	4	3	3	3	3	3
14	1	1	1	1	1	1	1	2	2	1	1	2	1	****	2	2	2	1	1	1	1	1	1	1	1
15	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	2	4	5	6	7	8	8	2
16	5	4	3	3	3	-	4	3	4	4	4	4	5	****	5	5	4	4	5	5	5	4	4	4	4
17	4	5	5	4	5	4	6	6	5	6	5	5	6	5	4	4	4	5	7	8	9	9	9	8	6
18	7	7	7	6	5	5	6	6	6	7	6	5	6	4	4	4	6	5	7	7	8	7	8	6	6
19	3	2	3	2	2	2	3	3	4	****	3	3	3	3	2	3	3	3	3	3	2	3	4	3	3
20	3	2	3	5	6	6	6	6	6	6	6	4	4	4	3	3	4	-	****	7	8	****	14	11	6
21	9	8	10	8	6	6	7	7	6	7	7	5	3	3	3	3	3	4	8	8	7	7	8	8	6
22	10	8	7	9	7	8	6	13	10	8	6	4	4	5	4	5	6	6	7	6	6	7	7	6	7
23	4	4	5	6	6	7	7	8	9	7	6	5	5	4	4	5	5	7	6	7	7	8	7	5	6
24	5	5	4	5	5	6	6	6	5	6	6	8	8	9	9	7	7	5	5	4	4	3	3	2	6
25	2	2	2	1	1	1	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
26	1	0	0	0	0	1	1	1	2	****	****	1	2	2	2	2	3	3	2	3	3	2	3	2	2
27	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	4	2
28	4	4	4	4	4	5	6	5	3	2	2	1	1	2	3	3	3	4	3	3	3	3	3	3	3
29	3	3	3	4	4	6	5	5	4	4	3	3	3	****	****	3	3	2	3	3	3	4	3	3	4
30	3	2	2	3	2	2	3	5	-	5	4	5	5	5	4	4	5	5	6	7	6	5	3	4	4
31	2	3	2	2	1	1	1	1	1	1	1	1	2	****	****	2	2	2	2	1	****	1	1	1	1
MEAN	4	3	3	3	3	3	4	4	4	4	4	3	3	4	3	3	4	4	4	5	5	5	5	4	3.8

PERCENTAGE OF OATA VALIO - 96.6 PERCENTAGE OF OATA INVALIO - 2.7 PERCENTAGE OF OATA UNAVAILABLE - 0.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2	- OATA INVALID -																								
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	3	4	4	4	3	******
4	3	3	****	2	2	3	4	4	3	3	3	2	2	2	2	3	***	3	3	3	3	3	3	3	3
5	2	2	2	1	1	****	2	3	-	-	****	3	3	4	4	5	5	4	4	3	3	3	3	2	3
6	1	2	1	****	1	1	1	1	2	1	****	1	1	****	****	2	2	2	2	2	2	2	1	1	1
7	1	1	1	1	1	1	2	1	1	2	2	2	3	2	2	2	2	2	3	2	2	3	3	4	2
8	4	4	3	2	1	1	1	2	3	3	2	2	3	4	4	3	3	3	2	2	2	1	2	2	2
9	3	2	2	2	2	2	2	3	2	2	****	1	1	1	2	2	2	2	3	2	2	1	1	2	2
10	1	1	0	1	1	1	3	3	2	1	1	1	1	1	1	1	2	1	2	3	3	4	4	4	2
11	4	5	4	4	3	3	3	3	2	2	2	2	2	2	2	3	3	2	3	3	3	2	2	2	3
12	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	2	2
13	2	2	2	2	1	1	1	1	2	2	3	3	4	4	5	6	6	4	4	4	2	2	2	2	3
14	2	2	3	2	1	1	1	2	2	2	3	3	3	3	3	4	3	2	2	2	2	1	2	1	2
15	1	2	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	****	2	3	****	3	3	3	1
17	2	1	1	0	1	1	1	1	1	1	1	1	1	-	-	1	1	2	2	1	2	2	2	2	1
18	1	1	1	1	2	1	2	2	2	1	1	****	-	-	1	1	1	1	1	2	2	2	3	3	2
19	3	3	3	3	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	3	4	4	4	4	2
20	4	4	5	4	4	4	4	6	5	5	4	4	4	3	3	4	5	5	7	5	6	6	6	9	5
21	8	6	7	10	9	9	9	9	5	4	4	6	6	5	4	6	6	5	6	7	6	5	5	5	6
22	4	4	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	5	4	7	6	2
23	6	5	4	4	5	10	15	10	7	5	2	5	4	4	5	4	5	6	7	8	8	10	11	12	7
24	14	12	11	11	10	9	9	9	12	12	9	****	7	7	6	6	5	5	5	8	12	10	9	8	9
25	7	6	5	4	6	****	12	12	13	12	9	8	7	7	5	5	6	5	7	9	8	6	4	4	7
26	3	3	3	3	3	4	3	4	5	5	5	4	4	4	4	4	4	5	5	5	2	2	2	1	4
27	1	1	1	1	1	1	1	1	2	****	****	2	2	2	2	2	3	3	3	3	3	3	3	3	2
28	2	2	1	****	1	2	1	2	3	3	2	3	4	4	4	3	3	3	2	2	2	2	2	2	2
29	1	1	2	1	1	1	1	1	1	1	2	2	1	2	2	3	3	1	2	4	5	5	6	6	2
30	5	5	4	4	4	5	6	6	6	5	5	4	3	3	3	3	4	3	4	2	3	2	2	1	4
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	3.1

PERCENTAGE OF OATA VALIO - 89.2 PERCENTAGE OF OATA INVALIO - 10.0 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	2	2	2	****	1	1	2	1	1	1	2	3	5	6	7	2
2	7	7	6	9	11	9	9	10	7	7	5	5	5	4	4	4	4	9	5	6	5	4	4	3	6
3	2	3	3	3	2	3	4	5	5	6	6	6	****	****	5	3	2	2	2	2	1	1	1	1	3
4	1	1	1	1	2	****	****	2	1	1	2	1	2	2	2	2	-	2	2	3	4	2	3	2	2
5	1	1	1	1	2	3	2	1	1	1	1	1	2	2	3	3	3	3	3	3	2	3	1	2	2
6	2	2	3	4	4	4	4	4	6	6	6	6	5	4	3	3	4	3	2	3	5	5	5	4	4
7	3	3	3	****	****	****	****	5	5	4	****	5	6	5	5	6	4	4	3	4	5	6	6	6	5
8	7	7	8	8	11	9	8	8	****	6	6	6	5	5	5	5	4	4	5	6	6	4	4	4	6
9	6	6	7	6	5	7	6	5	4	4	4	3	3	4	3	4	3	3	4	5	7	6	7	7	5
10	4	2	2	5	7	9	10	9	8	6	5	6	5	5	5	4	4	4	3	5	5	4	3	3	5
11	4	5	7	7	8	8	8	8	8	7	7	6	****	****	7	6	6	5	6	5	8	7	8	5	7
12	3	2	2	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1	2
13	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	3	3	3	4	4	3	3	2	2
14	1	2	3	3	3	4	5	5	3	3	****	2	3	3	3	3	3	4	5	3	5	5	3	2	3
15	2	2	1	1	3	3	4	5	****	3	****	3	2	2	2	3	3	2	2	2	2	2	2	1	2
16	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	2	2	2	3	3	4	4	2
17	-	6	7	****	7	****	9	9	7	5	4	4	4	4	3	3	3	3	3	4	8	11	12	9	6
18	8	7	8	9	9	9	9	10	****	6	6	5	4	4	4	4	3	4	4	7	11	15	10	8	7
19	6	4	4	6	6	8	7	7	6	****	5	4	4	4	4	4	4	4	4	5	5	7	6	5	5
20	5	5	4	4	4	5	3	3	3	3	2	3	3	3	2	2	2	2	2	3	4	4	5	6	3
21	****	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
22	3	1	2	2	2	2	3	3	1	1	1	1	****	1	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	****	****	4	3	3	3	5	6	5	4	5	5	5	3	******
24	3	2	1	1	2	2	3	3	****	****	****	5	4	4	6	6	6	6	5	5	4	3	3	4	4
25	3	1	1	1	-	****	2	3	2	2	7	4	****	3	3	3	3	2	2	2	3	2	3	3	3
26	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3
27	4	2	2	3	2	1	2	2	3	4	4	4	4	3	3	4	4	4	4	4	5	5	4	5	3
28	4	5	4	5	4	4	8	7	6	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4
29	3	3	3	4	4	5	7	7	7	9	5	4	3	5	5	5	5	4	3	5	5	5	5	4	5
30	3	3	3	3	3	4	3	4	3	****	2	2	2	3	4	4	4	4	4	3	5	5	7	7	4
31	6	5	5	6	6	7	7	7	4	4	3	3	****	3	3	3	3	3	4	5	4	4	3	3	4
MEAN	3	3	3	4	4	4	5	5	4	4	4	3	3	3	3	3	3	3	3	4	4	5	4	4	3.8

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 6.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	4	4	4	3	****	4	4	-	-	3	4	5	7	6	7	5	3	3	2	4
2	2	2	1	1	1	2	1	1	1	2	2	1	1	1	1	2	2	4	5	4	4	5	4	3	2
3	4	3	3	4	4	4	4	3	4	2	2	3	3	2	3	3	2	2	4	5	5	7	5	3	4
4	4	7	7	4	5	7	9	8	7	5	5	4	4	4	4	5	6	7	7	5	4	7	6	5	6
5	4	4	5	3	5	5	4	4	****	****	3	-	2	2	3	2	3	2	2	3	3	4	3	2	3
6	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3	3	4	4	4	4	5	6	5	4	3
7	4	4	4	4	4	4	5	6	6	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5
8	2	2	3	3	3	4	4	4	3	3	4	4	3	****	****	****	****	****	****	****	****	****	****	****	******
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	****	1	2	****	2	2	2	-	-	2	2	2	2	3	******
12	2	****	2	2	3	4	4	3	3	11	8	4	3	3	2	2	2	2	****	3	3	4	4	4	4
13	4	4	4	4	4	4	7	5	3	2	****	****	2	5	5	8	6	5	5	6	6	6	6	6	5
14	****	****	****	****	****	****	****	11	8	6	5	4	4	4	5	5	5	5	5	6	5	6	3	****	5
15	****	****	****	****	****	****	****	****	****	3	****	****	****	****	4	4	4	5	5	4	6	6	6	3	******
16	3	2	2	2	2	4	3	3	2	2	2	1	1	1	2	2	2	4	5	3	4	5	6	4	3
17	3	2	1	1	2	3	2	3	3	3	2	3	4	3	3	3	3	2	2	1	1	1	1	1	2
18	1	1	1	0	****	1	2	2	2	1	****	1	****	-	4	****	****	****	****	****	****	****	****	****	******
19	5	5	4	4	4	3	4	3	3	2	2	2	2	2	3	3	3	3	2	2	3	4	4	4	3
20	4	4	5	5	6	7	6	6	5	4	3	3	3	3	3	4	5	5	4	3	3	4	6	4	4
21	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3	4	4	4
22	4	4	4	4	4	4	5	5	5	3	****	2	2	2	2	2	-	3	2	2	2	2	2	2	3
23	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	****	1	1	1	1	****	1	1	1	1	****	1	1	2	1	2	2	3	3	3	3	2	2
25	2	3	3	3	3	3	3	2	2	2	1	1	1	1	1	2	-	5	4	4	5	6	7	6	3
26	5	5	6	6	5	6	7	6	****	4	4	3	3	3	3	3	3	3	3	5	5	4	3	2	4
27	3	4	3	2	3	4	5	5	4	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
28	2	1	1	1	1	2	3	3	2	2	2	3	2	2	2	2	2	2	2	3	4	4	4	4	2
29	4	5	5	5	5	7	8	7	5	5	6	6	****	5	4	5	4	3	3	3	3	3	3	-	5
30	3	2	2	2	2	3	3	3	3	3	3	4	3	3	2	-	2	2	3	4	3	2	3	2	3
MEAN	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3.4

PERCENTAGE OF DATA VALID - 82.4 PERCENTAGE OF DATA INVALID - 16.3 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW ND 15D01 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	2	3	3	4	4	3	3	3	3	3	3	3	2	2	2	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1
3	2	2	1	2	1	3	3	2	2	2	****	2	1	1	2	2	1	1	1	2	3	3	3	3	2
4	3	2	1	2	2	2	2	****	****	2	1	1	2	1	1	2	1	2	2	1	2	2	2	2	2
5	1	1	1	1	1	2	3	2	1	1	1	****	1	2	2	2	2	1	2	2	3	3	3	2	2
6	2	2	1	1	1	3	3	3	1	1	2	2	****	****	2	2	2	1	2	2	3	3	3	3	2
7	3	3	3	3	2	2	3	4	2	1	1	1	1	1	1	1	1	2	2	2	3	4	4	4	2
8	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	2	2	3	5	6	6	3	3
9	3	3	2	3	4	5	5	4	3	3	4	3	****	****	****	3	****	3	3	2	2	1	2	1	3
1D	1	1	1	3	3	2	3	4	2	1	3	-	3	4	3	2	2	2	2	3	5	6	6	5	3
11	5	4	1	4	4	5	6	6	5	3	2	2	2	****	2	3	3	3	6	8	7	4	5	4	4
12	4	3	2	2	2	4	5	6	4	3	2	2	2	2	2	2	2	2	4	4	6	8	1D	4	4
13	4	5	5	5	4	5	5	5	4	2	****	1	1	1	1	1	1	1	1	4	5	5	4	5	3
14	4	5	6	3	3	4	3	3	4	3	3	2	2	1	1	1	2	2	3	3	3	3	2	2	3
15	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2
16	4	4	4	3	3	3	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17	****	****	****	****	****	****	****	-	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
18	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	3	1	2	3	3	3	3	1
19	3	3	3	3	2	2	3	5	4	****	3	1	2	2	2	2	2	3	3	4	6	7	6	4	3
2D	4	3	4	5	5	5	6	9	6	3	1	2	2	2	2	2	2	3	4	5	5	9	9	9	4
21	****	7	7	6	4	5	7	8	4	2	1	1	1	1	1	2	2	2	2	2	4	6	5	5	4
22	6	5	2	3	4	4	-	3	2	2	1	2	1	2	2	1	2	2	1	3	4	7	8	6	3
23	****	4	3	2	2	5	6	5	3	2	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2
24	1	1	1	2	2	2	3	3	2	2	2	2	****	1	1	2	1	2	2	2	2	2	1	1	2
25	1	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	1	2	3	3	4	1
27	3	3	1	0	D	1	1	1	1	1	2	3	2	-	1	0	7	3	3	3	4	3	3	3	2
28	2	2	1	1	2	2	3	3	3	2	2	3	3	3	2	2	2	2	1	3	3	3	3	3	2
29	3	3	3	2	1	2	2	1	1	1	0	1	1	1	1	1	1	1	1	2	2	4	4	4	2
3D	4	3	3	3	3	2	3	3	-	-	2	1	2	1	2	2	2	2	2	2	2	2	2	2	2
31	2	1	1	1	2	3	4	3	3	3	3	2	2	3	3	1	3	2	2	4	3	2	2	1	2
MEAN	3	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	2.5

PERCENTAGE OF DATA VALID - 93.7 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15D01 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	3	3	3	3	3	2	2	1	****	2
2	****	****	****	****	****	****	****	****	1	2	2	2	1	****	2	2	2	2	2	4	5	5	4	2	******
3	1	2	3	2	3	3	4	4	4	3	2	2	2	2	2	3	2	2	2	4	4	3	3	2	3
4	3	3	2	2	2	3	3	2	2	1	1	1	1	1	1	1	2	1	2	2	3	3	2	1	2
5	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	4	1
6	3	1	0	0	0	0	D	0	0	0	1	D	0	D	0	0	0	D	1	1	3	3	3	2	1
7	1	1	1	1	1	2	3	3	2	****	****	3	***	2	3	3	3	2	2	2	1	1	1	1	2
8	2	2	4	3	3	4	4	4	3	3	3	2	3	3	3	2	3	***	2	4	2	1	2	1	3
9	2	2	2	2	2	2	2	2	3	3	1	2	1	1	2	3	3	3	2	2	2	1	1	1	2
1D	1	2	1	1	1	1	2	2	****	****	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
11	1	1	1	0	D	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
12	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	3	2	2
13	3	4	3	3	3	3	4	4	4	3	3	2	****	****	3	4	3	3	3	3	2	2	2	1	3
14	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
15	0	D	0	0	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
16	1	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	1	2	4	4	5	4	4	2
17	4	3	3	4	4	5	5	4	3	3	2	2	2	5	4	3	3	3	4	4	4	****	3	3	3
18	2	2	1	1	2	3	3	3	3	3	4	3	3	2	2	2	3	2	2	3	3	5	4	4	3
19	3	2	1	2	2	2	1	0	0	D	D	1	0	0	0	0	0	1	2	2	2	3	1	1	1
20	2	2	1	1	1	2	3	3	3	3	2	1	1	1	1	1	2	4	3	5	6	5	5	3	3
21	3	3	3	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	3	5	5	5	4	2
22	4	4	4	4	3	3	3	3	3	2	2	1	1	1	2	1	1	2	3	3	2	3	2	2	2
23	1	1	1	1	1	2	2	3	3	3	3	3	4	3	4	4	3	3	3	2	2	2	2	2	2
24	1	1	2	2	2	3	3	3	2	3	1	4	4	0	7	3	4	3	5	5	4	3	2	2	3
25	2	2	1	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	2	2	4	4	4	3
26	4	3	2	1	D	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2
27	2	1	1	2	2	2	4	4	3	3	2	1	2	2	****	3	2	2	2	4	2	1	2	2	2
28	2	2	1	1	2	2	3	3	3	3	2	2	2	2	2	3	2	2	3	3	3	2	2	1	2
29	1	1	1	1	2	3	4	3	3	3	3	2	2	3	4	5	3	3	2	2	3	3	2	2	3
30	2	2	2	1	2	3	4	4	4	3	2	2	2	2	2	2	2	1	2	3	4	3	3	3	3
31	3	3	2	2	2	2	2	4	6	4	2	2	1	1	1	3	3	2	3	4	4	4	4	4	3
MEAN	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2.1

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	3	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2
2	2	1	1	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	2	2	3	2	2	2	2
3	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1
4	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	5	5	4	4	4	2
5	3	2	2	2	2	3	3	3	3	****	****	3	2	2	3	3	2	2	3	3	3	3	3	4	3
6	3	2	2	1	2	3	4	4	3	3	2	2	2	2	2	2	2	3	3	4	4	4	2	1	3
7	1	1	0	D	0	2	2	2	2	****	2	2	2	2	2	2	1	1	2	1	1	2	2	2	1
8	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2
9	2	2	2	2	2	2	2	2	2	1	1	1	2	****	2	2	2	3	3	5	6	6	5	4	3
10	6	3	2	4	3	4	4	4	****	2	2	2	****	3	4	4	3	2	3	3	1	1	1	1	3
11	0	1	0	1	1	1	2	2	1	1	1	1	1	1	1	-	2	2	3	5	4	4	3	3	2
12	3	2	1	1	2	3	2	3	3	2	2	2	1	1	1	1	2	2	4	6	3	2	3	3	2
13	3	2	3	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	4	2	3
14	1	1	0	0	0	1	1	1	1	1	2	****	1	1	1	2	2	2	2	2	2	2	2	1	1
15	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	4	6	6	5	5	5	3
16	4	3	3	3	2	2	2	2	2	2	2	2	2	1	1	2	2	3	5	7	6	5	5	4	3
17	4	4	3	2	2	4	5	5	5	4	****	4	4	3	4	4	4	4	7	7	6	5	6	4	4
18	3	2	1	2	3	3	5	5	4	4	3	3	3	3	4	4	7	3	3	****	2	1	1	1	3
19	0	0	0	0	D	2	2	2	1	2	2	1	1	2	2	2	2	****	3	3	3	3	3	3	2
20	3	2	2	2	2	3	3	4	4	4	3	3	4	3	3	4	4	5	6	6	6	6	5	5	4
21	4	4	4	4	4	5	5	5	5	5	4	3	2	****	3	3	3	3	2	2	****	2	2	2	3
22	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1	2	2	3	2
23	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	2
24	2	2	2	2	2	3	3	3	****	****	2	2	2	2	2	3	3	3	5	5	5	5	4	4	3
25	4	4	4	4	4	4	4	4	5	5	4	3	3	2	3	4	5	4	6	6	6	7	6	5	4
26	4	2	2	2	2	3	3	4	4	3	3	3	2	1	2	2	2	3	6	7	6	6	6	5	3
27	4	4	3	3	3	3	3	4	5	4	3	2	2	3	3	3	3	3	5	6	5	5	5	5	4
28	5	4	3	2	3	4	4	4	4	3	4	3	3	2	****	3	3	3	4	4	4	3	4	4	3
29	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	6	5	4	5	5	5	4
30	4	4	2	1	1	1	;	1	2	3	3	3	3	3	3	2	3	3	3	4	4	3	4	3	3
MEAN	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	4	4	4	4	3	3	2.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	3	2	2	2	3	3	****	4	4	4	4	4	4	4	4	-	3	3
2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	2	2	2	1	1	3
3	1	1	1	1	1	1	2	2	2	3	2	3	3	2	2	3	4	3	4	4	3	3	2	2	2
4	2	2	2	3	2	3	3	3	3	3	3	3	3	3	4	4	3	3	4	4	3	3	3	3	3
5	2	2	2	2	2	2	3	4	3	4	****	****	3	4	4	4	4	4	5	5	4	3	4	3	3
6	3	3	3	3	3	3	3	3	3	4	4	4	4	3	4	4	5	4	4	5	4	4	4	4	4
7	3	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	4	4	2
8	4	-	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	4
9	4	3	2	2	2	2	3	3	3	3	-	****	2	****	4	4	4	4	5	4	4	4	4	4	3
10	4	4	-	3	3	****	4	4	5	4	4	3	4	5	5	5	6	5	5	5	5	5	5	4	4
11	4	4	4	5	4	4	5	4	4	4	4	4	4	4	****	6	6	6	5	4	4	4	4	4	4
12	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	5	5	5	4	3	3	3	3	4
13	3	3	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	5	5	3
14	4	2	3	2	2	3	3	4	3	3	3	3	4	4	4	4	5	5	6	6	5	5	5	4	4
15	4	4	4	4	4	5	5	-	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16												-	OATA	INVALIO	-										
17												-	OATA	INVALID	-										
18												-	OATA	INVALID	-										
19												-	DATA	INVALID	-										
20	5	3	3	2	2	4	5	5	4	4	5	5	5	5	5	6	5	5	4	4	4	4	4	4	4
21	4	3	3	3	2	2	2	2	2	2	2	3	4	4	4	3	3	5	6	4	4	4	3	4	3
22	4	4	3	3	4	4	4	3	2	****	4	4	4	4	4	4	4	4	3	2	2	2	2	2	3
23	1	1	1	1	3	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2
24	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	3	2	2	-	2	1	2
25	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	2	2	3	2	3	2	2
26	2	0	****	1	1	1	2	3	3	3	3	3	-	-	3	3	3	3	3	3	3	3	3	3	2
27	3	3	3	2	3	5	4	3	3	2	2	2	3	2	3	4	4	3	4	4	5	5	5	4	3
28	4	4	4	4	4	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3
30	4	3	3	3	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
31	2	2	2	1	2	2	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 80.8 PERCENTAGE OF DATA INVALID - 18.1 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	3	4	3	3	3	3	3	3	2
2	2	2	2	1	1	1	2	2	2	3	3	3	3	4	4	4	5	5	5	4	4	4	4	3	3
3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	4	4	3	3	3	3	-	3
4	3	2	2	1	1	1	1	1	1	1	1	1	2	2	1	2	4	5	5	6	4	5	4	4	3
5	3	3	2	2	2	2	2	2	2	2	3	3	3	4	5	5	6	5	5	5	5	4	4	4	3
6	4	4	3	3	2	2	3	3	4	4	4	4	4	4	5	5	5	6	6	5	5	3	3	2	4
7	1	1	0	0	0	0	1	2	2	2	2	2	2	2	****	3	3	3	3	4	3	2	3	2	2
8	2	1	1	1	1	-	****	2	3	3	2	2	2	2	1	2	4	4	4	4	4	4	3	4	3
9	4	3	4	4	3	4	3	3	3	3	4	3	3	3	4	4	4	4	3	-	3	3	3	3	3
10	3	3	3	3	3	2	2	2	2	2	3	3	4	3	3	****	4	4	5	4	4	3	3	3	3
11	3	3	-	3	2	3	3	2	2	1	1	1	-	1	2	2	2	2	3	2	3	3	2	2	2
12	3	3	2	-	1	3	3	4	4	3	3	3	3	3	2	2	4	5	5	5	5	4	4	5	3
13	4	4	4	4	4	4	4	3	4	3	2	3	3	****	****	3	4	4	4	4	3	3	3	2	3
14	2	2	1	1	0	1	1	2	3	2	3	2	****	****	****	****	5	5	5	5	5	5	5	5	3
15	5	4	4	4	4	4	5	5	5	4	4	4	4	4	4	5	4	4	5	4	4	4	3	3	4
16	2	2	2	2	2	2	4	5	5	4	3	5	5	5	2	3	4	4	4	4	3	3	3	3	3
17	3	3	2	2	2	2	2	2	3	4	3	4	4	4	5	5	6	6	6	6	6	6	5	4	4
18	4	3	4	3	3	3	3	3	4	4	4	4	5	5	6	5	5	6	7	6	7	5	5	4	5
19	3	3	3	4	4	3	3	3	3	4	****	****	4	5	6	8	9	8	6	5	4	4	4	5	5
20	4	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	4	3	3	3	2	3
21	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	5	3	-	3	3	3	3	3	4	2
22	4	2	2	2	2	3	4	4	4	4	4	4	4	4	4	5	5	5	4	4	3	3	4	3	4
23	2	2	1	1	2	2	3	3	5	1	-	4	3	4	4	4	4	3	3	2	2	2	3	3	3
24	2	-	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	4	5	4	4	****	3	3	3
25	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	1	2	2	2	2
26	2	1	2	1	1	1	1	2	2	2	2	2	2	2	1	2	3	2	2	3	2	1	2	2	2
27	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	4	4	4	4	3	3	2	3	2
28	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	3	3	3	3	2	2	2
29	2	2	2	2	2	2	2	3	3	2	2	2	****	****	****	****	-	****	3	3	3	3	3	3	2
30	2	2	2	2	1	1	2	2	2	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3.0

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	3	2	2	3	2	2	2	2	2	3	****	3	3	4	3	3	2	2	2	3
2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	2	3	4	4	2	2	4	4	4	4	2
3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	****	4	4	4	3	3	3	3	3
4	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	4	5	5	4	4	3	3	3	3
5	3	3	3	2	3	4	4	4	3	3	3	3	3	3	4	4	4	4	4	5	4	4	4	3	4
6	3	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
7	3	3	2	3	3	3	3	3	3	3	3	3	3	2	****	2	3	3	3	2	2	2	1	1	3
8	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	2	2	2	****	2	2	2	2	2	1
9	2	2	2	1	1	2	1	2	2	2	3	2	3	3	3	3	3	3	2	3	3	3	3	3	2
10	2	2	2	2	3	3	3	3	3	2	2	2	3	4	5	****	5	5	5	5	4	4	4	3	3
11	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	1	2
12	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
13	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1
14	2	2	2	2	2	1	1	2	2	2	****	2	2	****	****	****	3	3	3	3	4	3	4	4	2
15	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	4	4	3	3	4
16	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	1	0	0	0	1	1	0	1	2
17	0	1	1	1	1	1	1	4	3	3	3	3	3	3	3	3	4	4	3	4	4	4	3	3	3
18	3	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	2	3	3
19	3	3	3	3	2	3	3	3	4	4	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3
20	3	3	2	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	4
21	4	4	4	3	3	3	3	3	3	****	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4
22	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
23	3	4	3	3	3	3	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3	3	2	2	3
24	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2
28	2	1	1	1	1	1	1	1	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	2
29	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
30	3	3	3	3	3	3	3	3	2	2	1	1	2	1	1	2	2	2	2	2	2	2	1	1	2
31	1	1	0	0	0	0	1	1	2	2	2	2	2	3	3	3	3	3	2	2	2	2	1	-	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	4	6
FEB	22	3.3	8	11
MAR	31	3.8	7	14
APR	27	3.1	9	15
MAY	29	3.8	7	15
JUN	24	3.4	6	11
JUL	30	2.5	4	10
AUG	30	2.1	3	7
SEP	30	2.6	4	7
OCT	25	3.2	4	6
NOV	30	3.0	5	9
DEC	31	2.5	4	5
YEAR	340	3.0	9	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	151	426	141	0	0	0	0	718
FEB	69	266	180	29	1	0	0	545
MAR	118	244	265	89	2	1	0	719
APR	179	269	143	37	12	2	0	642
MAY	96	261	253	74	5	1	0	690
JUN	55	273	241	22	2	0	0	593
JUL	207	367	107	16	0	0	0	697
AUG	252	384	86	1	0	0	0	723
SEP	169	366	163	6	0	0	0	704
OCT	41	326	234	0	0	0	0	601
NOV	80	380	220	5	0	0	0	685
DEC	144	459	130	0	0	0	0	733
YEAR	1561	4021	2163	279	22	4	0	8050

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
91.9	0	0.5	1.4	2.2	3.0	4.6	5.6	7.0	8.2	15	3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	4	3	3	2	1	2	1	2	1	1	1	1	1	1	1	1	1	0	0	0	1
2	0	0	0	0	0	0	0	0	****	0	0	0	0	0	3	1	0	1	1	1	-	-	-	1	0
3	****	****	1	1	1	6	1	1	1	1	1	0	0	0	1	0	1	0	0	0	0	1	1	1	1
4	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
5	0	0	0	0	0	0	0	1	2	1	0	0	1	1	1	1	2	2	2	2	2	2	****	2	1
6	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	2	2	3	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	2	2	2	2	1
9	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	1
10	2	3	3	2	3	2	2	3	2	1	1	1	1	****	0	0	1	1	1	0	1	1	****	1	1
11	1	1	2	1	1	0	1	1	1	1	1	0	0	0	0	1	2	2	3	-	-	2	2	2	1
12	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	2	3	-	-	2	2	2	2	2
13	3	3	3	3	3	3	3	3	2	2	1	2	2	2	2	2	3	4	4	4	3	3	****	2	3
14	2	2	2	2	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	2	1
16	3	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	3	2	3	5	4	2	2	2
17	2	2	2	2	3	3	2	2	2	2	1	2	2	2	3	3	3	3	2	1	1	1	1	1	2
18	1	1	1	1	1	0	0	0	0	0	-	-	0	0	0	0	0	0	0	1	1	1	2	1	1
19	1	1	1	1	2	3	3	3	2	2	2	2	-	0	1	1	2	3	3	2	2	2	2	2	2
20	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
21	3	4	3	3	3	3	3	3	2	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	2
22	0	0	0	0	0	-	0	0	0	0	1	0	0	0	0	0	0	****	1	1	1	0	1	1	0
23	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	1	1	2	4	3	3	3	2	2	2
24	2	1	1	2	2	3	2	2	3	-	****	2	2	2	2	2	2	2	2	2	2	1	1	1	2
25	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	2	1	1	1
28	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
31	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	1	2	2	0
3	3	3	3	3	4	4	5	5	3	2	2	2	2	1	2	2	2	2	3	3	3	3	2	2	3
4	3	3	3	3	3	3	3	2	1	1	1	1	1	0	0	0	1	1	0	1	1	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	2	1	1	0
6	1	1	2	2	2	3	4	3	3	2	2	1	1	1	1	1	1	3	3	2	2	1	2	2	2
7	2	3	5	5	4	4	3	2	2	2	2	1	2	2	3	3	4	4	3	3	3	5	3	0	3
8	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
9	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	4	4	3	2	2	1
10	2	1	1	2	2	2	3	3	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1
11	1	1	1	1	0	0	1	2	1	1	0	1	1	1	2	3	3	4	3	2	2	1	1	1	1
12	1	1	1	1	2	2	1	1	1	2	1	2	1	4	5	6	4	3	5	7	8	4	1	1	3
13	0	0	0	0	0	1	1	1	0	0	0	0	****	****	0	0	1	1	****	1	1	1	1	1	0
14	1	1	2	1	1	2	3	4	3	1	0	0	1	0	1	1	1	2	4	4	2	2	2	1	2
15	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	3	2	1
18	3	4	4	4	4	4	4	-	1	1	1	1	0	0	0	1	1	1	1	1	-	1	1	****	2
19	2	2	2	2	2	2	2	1	1	1	1	1	0	1	1	1	2	2	2	2	2	4	4	3	2
20	2	1	2	1	2	4	5	4	3	2	2	2	2	2	2	3	3	3	4	4	4	4	5	5	3
21	5	6	6	6	6	6	6	5	4	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
23	3	2	2	3	2	2	2	3	0	0	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2
24	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
25	1	1	2	2	2	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	****	1	1	1	1	1	1	0
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
28	1	0	0	1	1	3	2	3	2	1	2	2	3	4	3	4	5	6	6	4	4	4	4	3	3
MEAN	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.3

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAR 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	6	7	4	3	3	3	2	2	2	3	3	3	4	4	4	4	4	3	2	3	4	3
2	4	4	4	2	1	1	1	1	1	1	1	2	1	1	1	1	1	-	****	2	1	1	1	1	2
3	1	1	2	2	2	2	2	2	1	1	1	1	2	2	1	2	1	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1
S	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
7	-	****	1	1	1	2	1	1	1	1	1	1	1	3	4	2	1	1	1	1	1	1	1	0	1
8	0	1	1	1	1	1	1	4	4	3	2	1	1	1	2	1	1	2	2	1	1	1	1	1	1
9	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2	2	2	3	2	1	1	2
10	1	1	1	1	2	2	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	1	1	-	0	0
13	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	0	1	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0
16	1	0	1	1	1	-	1	1	1	1	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1
17	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
18	2	4	S	S	S	S	4	4	4	4	4	2	2	2	2	3	2	3	3	2	2	1	1	1	3
19	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
20	2	1	1	1	1	1	1	1	1	2	1	1	3	3	1	1	1	-	****	2	3	****	2	2	2
21	2	1	3	3	4	S	S	4	3	3	2	1	2	2	2	2	1	2	4	3	2	2	2	3	3
22	2	4	S	S	S	6	S	S	S	3	3	2	1	1	1	2	2	3	3	2	2	2	1	1	3
23	2	2	2	2	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
24	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
25	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
29	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	2	2	2	1	1
30	1	1	1	1	1	1	1	1	-	1	1	2	2	2	1	1	1	1	2	2	1	1	1	1	1
31	1	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF OATA VALIO - 98.4 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - APR 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
2	0	1	1	0	0	0	0	1	1	1	1	1	****	****	1	1	****	2	2	1	1	2	2	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	0
4	1	1	1	0	1	2	3	1	1	1	1	1	1	1	****	1	****	0	1	1	1	1	2	1	1
S	1	1	0	0	0	****	0	0	-	-	****	0	0	1	1	0	0	0	1	1	0	0	1	0	0
6	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	1	1	1	1	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
11	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
12	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
13	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
14	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	****	-	-	8	0	0	1	0	1	1	1	1	0	1
19	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
20	1	1	2	2	1	1	1	1	2	1	1	1	1	1	1	2	3	3	2	3	3	2	3	2	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	1
22	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	3	2	2	2	3	1
24	2	1	1	1	1	2	1	1	1	1	1	****	1	1	1	2	2	3	3	3	3	2	2	2	2
25	2	2	1	1	1	****	2	2	2	1	2	2	2	1	1	1	1	1	1	2	2	2	1	2	2
26	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	2	1	1	1	0	2	0	0	0	0	0	0	0	1	1	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
30	1	0	0	0	1	1	1	1	1	2	2	1	1	0	0	0	0	0	0	1	1	1	1	0	1
MEAN	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF OATA VALIO - 97.2 PERCENTAGE OF DATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAY 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	0
2	1	1	1	1	1	1	1	1	0	1	0	0	1	1	2	3	1	2	1	1	0	0	1	1	1
3	1	1	1	1	1	3	3	1	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
7	3	3	3	****	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	3	2
8	2	2	3	4	4	4	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	2	1	2
9	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1
10	1	1	1	1	2	1	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	1	1
11	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	0	0	0	0	****	****	****	****	****	0	0	0	0	1	1	1	1	1	0
15	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
17	-	1	2	****	2	1	1	1	1	0	1	0	0	0	0	0	0	0	1	2	2	1	1	1	1
18	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	2	2	2	1	1	1	1	0	0	****	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1
20	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
21	****	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	****	0
23	0	0	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1
24	2	2	2	1	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1
25	1	2	1	0	-	****	0	0	0	1	****	1	1	1	1	1	1	1	1	0	0	0	1	0	1
26	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0
27	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
28	1	1	0	1	****	1	2	1	1	1	****	0	0	0	0	1	0	0	0	1	1	1	1	0	1
29	0	0	0	1	0	0	1	1	1	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
30	1	0	0	0	0	1	1	1	****	0	0	1	0	1	1	1	1	1	1	1	1	2	1	1	1
31	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0.6

PERCENTAGE OF OATA VALID - 97.4 PERCENTAGE OF DATA INVALIO - 2.2 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUN 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	2	****	2	2	-	-	0	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
3	0	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	1
4	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1	1	1	1	0	1	1	1
S	1	1	1	1	2	1	1	1	0	0	0	-	1	0	0	0	0	0	0	0	1	1	1	1	1
6	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1	0	0	1	1	1	1	1	2	1
7	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	2	1	1
9	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
10	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
13	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
14	1	1	1	1	****	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	1	1	1	1	****	****	****	1	1	1	1	0	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	****	0	0	1	0	1	1	1	1	1	1	1	1	1	0
19	0	1	0	0	1	1	1	1	1	0	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
22	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	0	-	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
25	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	-	1	1	1	1	1	1	0	0
26	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	1	0	1	1	1	1	1	1	****	1	0	0	1	1	0	0	1	1	1	1	1	1	1
29	1	1	****	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
30	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	-	0	1	0	1	1	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0.7

PERCENTAGE OF OATA VALID - 96.7 PERCENTAGE OF OATA INVALIO - 2.1 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1	1	1	0
4	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0	1	1	0
6	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
7	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	2	2	1	1	1
8	2	2	1	2	2	2	1	1	1	1	1	1	0	0	0	1	1	1	1	2	2	2	1	1	1
9	1	1	1	2	1	1	2	2	2	1	2	1	****	1	2	1	2	1	2	2	2	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
12	1	1	1	1	1	1	1	3	1	1	0	0	0	0	1	1	1	1	1	2	3	3	3	1	1
13	1	1	2	1	1	2	1	****	0	1	****	0	1	1	0	0	1	1	1	1	1	2	1	2	1
14	2	1	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	0	****	****	0	0	0	0	0	0	0	0	0	0	0	****	0
17	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	2	1	1	1
18	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	1	1	1	3	3	1
20	1	1	1	1	1	1	2	1	1	1	1	1	1	2	0	0	0	0	1	1	2	2	3	2	1
21	****	1	3	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1
22	1	1	1	1	1	1	-	1	1	0	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1
23	****	1	1	1	0	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	1
25	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	1	1	****	0	0	1	1	1	1	****	1	1	1	1	1	0	1	1	1
27	1	0	1	1	1	1	1	1	0	1	1	1	1	-	1	0	1	0	1	2	2	2	2	2	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	2	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	2	2	1	2	2	1
30	2	2	2	2	2	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	0.8

PERCENTAGE OF OATA VALIO - 97.8 PERCENTAGE OF OATA INVALIO - 1.6 PERCENTAGE OF DATA UNAVAILA8LE - 0.5

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	1	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	****	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1
3	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
4	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	2	1	1	1
6	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1
7	1	1	1	1	1	2	2	1	1	****	1	1	****	2	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	1	1	1	0	1	2	1	1	1	1	2	1	1	1	0	0	1
9	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	3	2	2	1	1	1
10	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1
11	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1
13	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	0	2	0	1	1	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0
16	1	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	1	1	2	1	1	1
17	0	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	2	1	1	1	****	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	3	2	2	2	1	1
20	1	1	1	1	1	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1
21	1	1	2	1	2	3	3	2	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
22	1	2	2	2	3	3	2	2	2	1	2	3	0	0	****	1	1	2	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
25	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	1
27	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	1	1	0	0	1	2	1	1	1	1
28	0	1	0	0	0	1	1	1	****	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
29	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	1	2	1	1	1	1	0	0	0	1
30	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
31	1	1	1	1	1	1	1	0	0	1	0	1	0	0	1	2	1	1	2	2	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALIO - 99.1 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF DATA UNAVAILA8LE - 0.1

NOTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	1	1	0	0	0	0
2	2	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
4	1	2	2	2	2	2	1	2	1	1	0	1	0	1	1	1	0	0	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	1
6	1	2	2	2	2	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0
9	1	1	1	1	1	1	1	1	1	0	0	0	0	****	0	0	0	0	1	1	1	2	1	0	1
10	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1
11	0	0	1	1	1	2	1	1	1	1	0	0	0	0	0	-	0	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1
14	0	0	0	0	0	0	1	0	1	1	0	****	****	0	0	0	0	0	0	0	0	0	1	1	0
1S	1	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	3	2	1	1	1
16	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	1	1	1
17	1	1	1	1	2	2	3	2	2	1	1	0	1	1	1	1	1	2	2	2	1	1	1	1	1
18	1	1	1	2	2	2	2	1	***	1	1	1	1	1	1	1	1	1	1	****	1	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	0	1	1	1	1	1	0
20	1	1	2	1	1	2	1	2	1	0	0	1	1	1	1	1	1	2	2	2	2	2	2	1	1
21	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	****	1	1	1	2
22	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	1	0	0	1	0	0	0	1	1	0
23	1	0	1	1	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
24	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
2S	2	2	2	2	2	3	3	3	2	3	2	2	2	1	1	1	1	2	2	2	1	1	1	2	2
26	2	2	1	2	2	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1
27	1	4	1	2	2	1	2	2	2	1	1	0	1	0	1	1	1	2	2	1	1	1	1	1	1
28	2	2	1	1	2	2	2	1	1	1	2	2	1	1	1	1	2	2	2	2	3	2	2	2	2
29	1	1	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	3	2	2	2	2	1	1
30	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 1.0 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	3	3	2	****	2	2	2	2	2	2	2	3	4	4	2	2	2	2	1	2
2	2	2	1	1	1	2	4	3	4	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	2
4	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2
S	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1
6	1	1	1	2	1	1	2	2	1	1	1	1	2	3	2	2	2	2	1	1	1	2	2	2	2
7	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
8	0	-	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	2	2	3	2	1	1	1
9	2	2	1	1	1	0	1	0	0	0	-	****	0	0	0	0	0	0	1	1	1	1	1	1	1
10	1	2	-	1	1	****	1	1	1	1	1	0	0	1	2	1	1	1	1	1	1	1	2	2	1
11	2	1	1	1	1	1	1	2	3	2	1	1	1	2	****	1	2	2	1	1	2	1	1	1	1
12	1	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	1	0	1	1
13	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	0
15	1	1	1	1	1	1	2	-	2	2	****	2	2	2	2	2	2	2	2	3	2	3	2	1	2
16	1	1	1	1	1	1	1	1	****	1	1	-	3	3	4	3	1	3	1	1	1	1	1	1	2
17	2	2	3	3	3	3	3	-	-	2	2	2	2	2	2	2	1	2	2	3	3	3	2	1	2
18	1	1	0	1	1	1	2	1	2	3	3	2	2	3	1	1	1	2	2	2	2	1	1	2	2
19	2	3	3	3	2	2	2	2	2	3	3	3	3	2	2	-	-	2	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
22	2	1	2	2	2	2	2	2	2	2	2	1	****	6	1	1	1	1	1	1	1	2	1	1	2
23	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	-	1	0	0
25	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	1
26	0	0	0	1	1	1	1	1	1	0	0	1	1	-	1	1	1	1	1	1	2	1	1	1	1
27	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
28	3	3	2	1	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	0	1	0	0	****	****	0	0	0	1	1	0	1	0	1	1	1	1	0	1	1	1
30	0	0	1	2	2	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	1	1	1	****	1	1	1	2	2	2	2	2	2	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF OATA VALIO - 97.2 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 1.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	3	3	4	4	3	2	2	2	2	2	2	2	3	3	3	3	2	2	1	1	2
2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	2	2	3	4	4	4	4	4	****	******
17	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	3	2	2	2	2	1	******
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
19	3	4	4	5	5	5	5	5	3	3	1	1	1	2	2	2	3	5	3	3	4	3	3	3	3
20	3	3	3	4	4	4	4	4	4	3	2	2	2	2	2	3	3	3	3	5	5	4	4	4	3
21	4	5	4	4	3	2	2	2	4	4	4	4	1	1	1	2	2	2	1	1	1	2	2	1	2
22	1	1	1	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2
23	2	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	2	4	4	4	4	2	2	2	2
24	2	1	2	3	2	2	2	3	4	3	3	3	2	2	2	3	3	2	3	3	2	1	1	1	2
25	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	2	2	3	4	4	3	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	1	1	****	****	****	****	****	****	0
31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	1	0	0	0	0	******
MEAN	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1.5

PERCENTAGE OF DATA VALID - 58.6 PERCENTAGE OF DATA INVALID - 15.5 PERCENTAGE OF DATA UNAVAILABLE - 25.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	0
3	3	3	4	4	5	5	5	4	4	4	3	3	2	3	2	2	3	4	4	3	3	3	2	2	3
4	2	3	3	3	4	4	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	2
5	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1
6	2	1	1	2	2	3	3	4	4	3	****	2	2	2	4	1	2	3	3	3	2	2	2	2	2
7	3	3	3	3	3	3	3	3	3	2	3	3	3	4	4	5	5	6	5	4	4	4	5	2	4
8	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	2	0
10	2	2	2	2	2	3	3	3	3	2	1	1	0	0	0	1	2	1	0	0	0	0	0	1	1
11	1	1	1	5	5	5	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2
12	2	2	2	3	3	3	2	2	2	1	2	1	1	1	2	0	1	1	1	1	2	5	6	2	2
13	1	1	2	3	4	4	4	4	3	2	****	1	1	1	****	****	1	2	2	2	3	2	2	2	2
14	3	3	3	4	3	3	3	4	3	3	1	1	1	2	1	2	3	5	6	4	4	4	4	4	3
15	3	2	2	2	2	2	2	3	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	4	4	4	3	3	2
18	4	5	5	5	5	5	5	4	3	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3
19	3	3	3	3	3	3	4	3	4	4	3	3	2	1	1	2	2	2	2	3	2	3	5	4	3
20	3	3	2	2	4	6	6	5	4	3	3	3	3	4	4	4	3	4	5	5	5	5	5	5	4
21	6	7	8	7	8	8	6	6	5	4	4	4	5	4	3	2	2	1	1	1	1	1	1	1	4
22	2	2	2	2	2	2	2	2	2	2	2	2	1	2	****	2	3	2	3	4	4	5	5	5	3
23	4	4	4	5	5	4	4	4	3	2	2	2	2	2	2	2	2	3	3	4	4	3	3	3	3
24	4	4	4	4	2	2	2	2	3	2	2	2	2	2	3	4	4	3	3	3	3	2	2	2	3
25	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	3	3	4	2	1	2	4	2	1	2
27	1	2	3	2	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	1	1
28	2	2	2	2	2	2	2	2	3	4	3	4	5	5	6	6	5	7	5	5	6	4	4	5	4
MEAN	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM 5 OF HWY 3. NANTICOKE MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	S	6	6	6	8	8	S	4	4	4	3	3	3	3	3	S	S	5	5	4	3	3	3	4	S
2	S	S	4	S	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2
3	2	3	3	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	3
4	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1
S	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1
6	1	1	1	1	1	1	1	2	2	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	2	1	1	1	1
8	2	2	2	2	1	1	1	2	5	4	3	2	1	1	1	1	2	1	1	1	1	2	3	4	2
9	4	4	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	2
10	1	1	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0
12	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
13	1	1	2	2	1	1	2	2	2	2	****	****	3	3	2	2	3	2	2	2	6	6	4	1	2
14	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
1S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
16	0	0	1	1	1	1	2	2	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
17	2	2	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	3	3	6	2
18	5	4	4	3	3	4	5	S	5	4	4	3	3	3	3	3	3	4	4	4	3	3	3	2	4
19	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	2	2	2	2	2	2	3	2	2	1	1	1	1	1	2	1	2	2	2	3	3	2
21	3	4	4	S	S	4	4	4	4	3	2	2	1	2	2	2	2	2	2	3	3	3	2	3	3
22	3	4	6	S	6	4	6	6	6	4	3	1	2	2	2	2	4	3	2	2	2	2	1	2	3
23	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1	1	0
28	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
29	2	2	3	2	2	2	2	2	2	2	2	2	****	2	3	3	4	S	6	6	4	3	3	2	3
30	2	2	2	2	2	1	1	1	2	2	4	3	3	2	3	3	3	3	2	2	3	2	2	2	2
31	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF OATA VALIO - 99.3 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM 5 OF HWY 3. NANTICOKE MONTH - APR 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	1	2	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	2	2	2	1	1	1	1	1	2	1	1	1	2	1	2	2	1	1	2	2	1	2	3	2	2
3	1	1	1	1	1	0	0	0	0	****	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0
4	1	1	1	1	1	2	2	2	2	3	3	2	1	2	2	2	1	1	1	1	1	2	2	2	2
5	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	2	2	4	1
6	1	1	1	1	1	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	1	1	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1	1	2	2	2	1	1	1
9	1	1	1	0	0	0	0	0	0	0	0	1	2	2	3	2	2	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	1
11	4	3	3	3	3	3	3	3	3	2	2	3	2	2	2	1	1	1	1	2	2	3	2	2	2
12	2	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	****	2	2	2	2	2	3	2
13	4	S	4	2	1	1	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	2
14	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0
17	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	****	****	0	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
20	2	2	2	3	3	2	2	2	3	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2
21	3	3	3	2	2	2	2	2	1	1	2	2	1	4	1	1	1	2	1	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1
28	1	1	1	1	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	0	0	0	0	1	1	1	1	1	2	0	1	1	0	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1.2

PERCENTAGE OF OATA VALIO - 99.2 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	C	1	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	2	2	1	1	2	1	1	1
3	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	-	1
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1
5	1	0	0	1	1	1	0	0	1	1	0	0	1	1	1	2	3	3	3	3	3	3	3	2	1
6	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	3	4	4	4	3	2	2	2	3	3
7	2	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	2	2	1
8	2	1	1	1	1	-	****	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2	1	1
9	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	-	3	2	2	2	2
10	2	2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	-	1	1	1	1	1	1	1	1	1	-	0	0	1	1	1	2	2	1	1	1	1	1
12	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	1
13	2	2	1	1	1	1	1	3	3	3	3	2	2	2	2	1	1	3	2	2	2	1	1	2	2
14	1	1	1	2	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	1	1	2	1	2	1
15	2	1	1	2	2	2	1	1	2	1	1	2	1	1	1	1	2	2	3	3	2	1	1	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	2	1	0
17	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2
18	3	2	3	2	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	4	4	2
19	5	5	4	4	4	4	5	5	5	5	****	****	2	2	2	3	5	7	7	3	2	1	1	1	4
20	1	2	2	2	1	1	1	2	2	****	1	1	1	1	1	2	2	3	1	1	1	1	1	1	1
21	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	-	2	2	2	2	2	2	1
22	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
23	1	1	1	-	-	-	-	-	2	2	-	1	1	1	1	1	2	1	2	1	1	2	2	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	2	2	3	3	****	2	2	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1
27	0	0	1	0	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1
28	2	2	2	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	-	****	1	1	1	2	2	2	1
30	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1.3

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF OATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	4	4	3	2	1	1	1
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	2	1	2	2	1
3	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	2	****	2	2	2	3	2	1	2	2
4	2	2	2	2	2	2	2	2	2	****	1	1	1	1	2	1	3	3	3	3	4	4	3	3	2
5	3	2	3	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	3	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	1	2
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	0
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1
10	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	3	3	2	2
11	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
12	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
13	0	0	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	1	1	0	0	0	2
14	1	2	2	2	2	2	1	1	1	0	****	0	0	****	1	****	0	0	0	0	0	1	3	2	1
15	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	4	5	4	4	4	2
16	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	1	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	0
18	1	1	2	3	4	4	4	3	3	2	1	1	1	1	1	1	1	2	2	3	2	2	2	3	2
19	3	3	3	2	2	3	4	4	3	3	3	3	2	2	3	3	4	4	4	4	3	3	3	3	3
20	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	5	6	6	6	6	6	4	3	4
21	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
22	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3
23	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	2	2	2	2	2
24	2	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
25	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	3	3	2	2	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	4	3	3	3	2
30	2	2	2	2	2	2	3	3	2	1	1	0	0	0	0	0	0	1	1	1	1	2	1	1	1
31	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	-	0
MEAN	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF DATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDURCES 8RANCH

MONTHLY SUMMARY DF HDURLY AND 2-HOURLY DATA FDR 1979

POLLUTANT - NITRDGEN DIDXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLIDN

STATIDN - WC ND 22D71 EXPERIMENTAL FARM SIMCDE

MDNTH	NQ DF DAYS	AVERAGE CDNCENT	24-HDUR MAXIMUM	MAXIMUM REAOING
JAN	31	1.1	3	6
FE8	28	1.3	3	8
MAR	31	1.1	3	7
APR	30	0.6	2	8
MAY	31	D.6	2	4
JUN	3D	0.7	1	6
JUL	31	0.8	1	3
AUG	31	0.9	2	3
SEP	3D	0.9	2	4
DCT	31	1.2	2	6
NDV	30	1.3	4	7
DEC	31	1.6	4	6
YEAR	365	1.D	4	8

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDRCES 8RANCH

MONTHLY GRDUP FREQUENCY DISTRI8UTIDN FDR 1979

PDLLUTANT - NITRDGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCDE

MONTH	DD TD 01	D2 TD 03	04 TD 06	D7 TD 10	11 TD 13	14 TO 2D	21 &DVER	TDTAL
JAN	486	227	9	0	D	D	D	722
FE8	432	168	S9	2	0	D	D	661
MAR	546	147	38	1	D	D	D	732
APR	619	80	D	1	D	0	D	7DD
MAY	652	68	S	0	D	D	D	72S
JUN	670	25	1	0	D	0	D	696
JUL	6S0	78	D	0	0	D	D	728
AUG	663	74	D	D	D	D	D	737
SEP	S66	14S	1	0	D	0	Q	712
DCT	5D5	212	6	D	D	D	D	723
NDV	478	2D1	18	2	D	0	D	699
DEC	3S4	341	4D	D	D	D	Q	73S
YEAR	6621	1766	177	6	D	D	D	8S7D

FREQUENCY DISTRI8UTIDN 8Y PERCENTILES

PERCENT DF DATA VALID	MIN	1D	3D	CDNCENTRATIDNS FREQUENCY DISTRI8UTIDN, PERCENT 5O	7D	9D	9S	98	99	MAX	ARITH MEAN
97.8	D	0.D	D.D	0.4	D.8	1.8	2.4	3.1	3.8	8	1.D

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM S OF HWY 3, NANTICOKE MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	0	0	0	1	****	0	0	0	0	0	0	0	0	0	0	1	1	1	0
2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	0	1	1	1	2	1	1	1	2	2	1
3	3	2	1	1	1	2	2	2	2	2	3	4	4	2	2	2	2	2	1	1	1	1	1	0	2
4	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	1	0	0	0	0	0	0	1	4	4	5	2	1	0	1	1	0	1	1	0	1
6	1	1	1	1	1	1	1	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
8	3	4	4	3	2	2	2	3	3	2	****	2	1	2	1	1	1	1	2	2	2	2	2	2	2
9	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
10	2	1	1	1	1	2	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2
11	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	1	3	2	1	0	0	0	0	1	0	0	0	0	0	0	0	1
13	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	1
15	1	1	1	1	1	1	1	1	1	****	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
17	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	2	2	2	2
18	3	4	4	4	4	3	3	3	3	3	3	2	6	8	3	3	3	2	2	2	3	2	2	2	3
19	3	3	3	3	2	2	3	2	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2
20	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
21	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	2	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1
23	1	1	2	2	2	1	1	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	2	1	2
24	2	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
25	1	2	1	1	1	1	2	3	3	4	3	3	2	2	2	2	2	1	1	3	3	3	2	1	2
26	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	2	2	1	1	2	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2
28	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	****	1	2	1	1	1	1	1	1	1	1	1	1	1
30	2	2	2	2	2	3	3	2	2	2	1	1	1	1	1	2	2	1	1	2	3	2	10	9	2
31	4	3	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1.5

PERCENTAGE OF DATA VALIO - 99.2 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM S OF HWY 3, NANTICOKE MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	1	2	1	1	1	2	2	1	1	2
4	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	2	2	2	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	1
6	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1
7	3	3	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	2	2	1	2	2	2	1	2
8	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	1	1	1	1	2	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	***	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	2	1	2	2	1	1	1	2	2	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	1	1	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	2	2	2	2	1	2
17	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	2	2	1	1	****	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
21	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0
24	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3. NANTICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
4	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
6	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
9	1	1	1	1	2	2	1	1	1	3	3	3	4	1	1	1	1	2	1	2	1	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1
12	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
14	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1S	1	1	1	1	1	1	1	1	1	1	1	8	7	4	3	3	2	2	2	2	2	2	2	2	2
16	1	1	2	4	4	2	2	2	2	1	1	1	2	2	1	2	1	1	2	1	1	1	1	1	2
17	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
18	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	13	6	3	2	2	2	2
19	2	2	2	2	2	2	2	2	2	1	1	2	2	2	3	3	2	1	1	2	3	2	2	2	2
20	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
21	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	2	2	2	1	2	1
22	1	1	1	1	1	1	1	1	1	2	2	2	1	2	3	1	1	1	1	1	2	3	2	1	1
23	1	1	1	1	1	1	2	1	1	3	3	1	1	1	1	3	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
2S	1	1	2	1	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0	1	0	0	1	1	1	1	1	1
31	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF OATA VALIO - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RD.3 KM S OF HWY 3. NANTICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
7	1	1	1	1	1	1	0	0	0	0	0	1	2	2	2	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	2	1	1	1	2	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	0	0	1	1	1	1	1	1	0
22	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
24	1	1	2	3	1	1	1	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
25	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
27	0	0	1	2	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1
28	0	0	0	0	0	0	1	1	0	0	****	1	2	2	3	0	0	1	1	1	1	0	0	0	1
29	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0
31	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	2	2	2	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF OATA VALIO - 99.1 PERCENTAGE OF OATA INVALID - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

DNTARID MINISTRY DF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIDXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATIDN - WC NO 22D86 CHEAPSIDE RD.3 KM S DF HWY 3, NANTICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	0	D	0	D	D	D	D	1	1	1	1	1	D	1
3	0	0	0	0	0	0	D	D	0	0	0	0	0	D	D	0	0	1	1	1	1	1	1	1	0
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S	1	1	2	1	2	1	1	1	****	****	1	1	D	0	0	1	1	1	1	1	1	1	1	1	1
6	1	1	1	3	3	3	3	3	2	1	1	0	1	1	D	D	0	1	1	D	0	0	D	0	1
7	0	0	0	0	D	0	D	D	0	D	D	D	1	1	1	1	2	1	1	1	0	0	D	0	0
8	0	0	0	0	0	D	0	D	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	0	0	0	D	1	1	D	1
10	D	D	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	2	2	1	0	D	D	D	D	0	0	****	1	D	D	D	0	1	1	1	1	1	1	1	1	1
12	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	3	2	1	1	1	2	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D	D	0	0	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	D	0	0	0	D	D	0	0	D	0	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	D	1	1	1	1	0	0	D	1	1	1	1	1
17	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	D	D	D	D	1	1	D	D	D	D	0	D	D	D	0	0	0	0	1	1	1	1	1	0
20	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1
21	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	2
22	1	1	1	0	1	1	D	1	1	1	1	1	D	D	D	0	D	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	0	D	D	0	D	0	0	D	D	0	D	D	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	D	1	2	1	1	D	1	1	1
25	1	1	2	2	2	2	2	2	2	****	3	2	2	2	2	1	1	1	1	1	1	1	1	1	2
26	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1
27	2	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	4	3	2	2	2	2
28	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2
29	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
3D	1	1	1	1	1	1	1	1	1	1	3	S	2	2	3	2	2	1	2	2	2	1	1	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.D

PERCENTAGE DF DATA VALID - 99.4 PERCENTAGE DF DATA INVALID - D.6 PERCENTAGE DF DATA UNAVAILABLE - D.O

NDTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATIDN FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FDR DAILY MEAN IN DNE DAY

DNTARIO MINISTRY DF THE ENVIRDNMENT - AIR RESORCES BRANCH

PDLLUTANT - NITRDGEN OIDXIDE-CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLION

STATIDN - WC ND 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICDKE MONTH - OCT 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
2	2	1	1	1	1	2	2	3	3	2	2	1	2	2	2	2	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	1	1	1	2	2	2	1	1	1	1
4	2	2	2	2	2	1	2	1	2	1	1	2	2	2	2	3	4	3	3	3	2	1	1	1	2
S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	D	0	D	D	0	D	0	D	0	0	D	0	D	D	D	D	0	0	0	D
8	0	D	D	D	0	0	D	D	0	0	D	0	0	D	1	1	1	1	1	1	1	2	2	2	1
9	2	2	1	1	1	1	1	1	0	0	D	0	D	0	D	D	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	1	1	****	D	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	5	3	3	3	3	2	2	2	2
12	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1S	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	2	1	2	2	1	2	****	1	2	2	2	2	1	1	2	1	1	1	1	2	2	1
17	2	2	2	3	2	3	3	2	3	3	2	2	3	2	2	2	2	2	3	2	3	3	3	3	2
18	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
19	3	3	3	3	3	3	3	2	2	3	2	3	3	2	2	2	1	1	1	1	2	1	2	1	2
20	1	2	2	1	1	1	1	1	2	3	1	2	2	2	1	1	2	1	1	2	1	1	1	2	1
21	1	2	2	2	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	2	1	2	2	1	2	2	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	2	1	1	1	1	1	1	0	1	****	0	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	D	0	0	D	D	0	1
25	0	0	0	0	0	0	0	D	0	0	0	0	D	D	D	0	0	0	D	0	0	0	0	0	D
26	0	0	D	0	D	D	D	D	D	0	0	D	D	D	0	1	1	1	1	2	2	1	1	1	0
27	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	2	2	3	2	3	1
28	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	2	3	3	2	1	2	1	1	1	1	1	D	1	1	1	1	1	2	2	2	2	2	2	2
31	2	2	3	2	2	2	2	2	2	2	2	****	2	2	2	3	3	3	3	3	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE DF DATA VALID - 99.2 PERCENTAGE OF OATA INVALID - D.8 PERCENTAGE DF DATA UNAVAILABLE - D.O

NDTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FDR OAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM S OF HWY 3, NANTICOKE MONTH - NOV 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
3	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
S	1	1	1	1	1	1	1	2	1	1	1	2	1	2	3	3	2	3	3	4	3	3	3	2	2
6	3	3	3	3	2	3	2	2	2	3	3	****	4	3	3	4	3	3	2	2	2	2	2	2	3
7	4	4	2	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
8	1	2	1	1	2	2	2	1	2	3	2	****	2	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	2	2	2	2	2
10	1	1	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	2	2	2	2	2	2	2	2	2	3	4	4	4	4	3	2	2	2	3	3	2	2	2	2	3
14	1	1	1	2	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1S	1	1	1	1	1	1	2	2	3	2	3	3	3	2	1	2	2	3	3	3	3	2	1	1	2
16	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	2	1
17	1	2	1	1	1	1	1	2	1	1	2	2	1	2	2	2	2	2	2	2	3	2	2	3	2
18	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	2	4	S	S	4	S	3
19	S	4	4	4	3	3	3	3	2	3	3	3	2	3	3	2	3	3	3	2	1	1	1	1	3
20	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2
21	1	1	1	2	1	2	1	1	1	1	2	1	2	2	2	2	2	2	3	3	3	3	2	2	2
22	2	3	2	1	1	1	2	2	1	2	2	2	1	1	2	3	2	2	2	1	3	2	1	1	2
23	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	1	2	1	2	2	1	2	2	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2S	1	1	2	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2
26	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	1
28	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	1
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1.S

PERCENTAGE OF OATA VALIO - 99.6 PERCENTAGE OF OATA INVALIO - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM S OF HWY 3, NANTICOKE MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	1	2
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
3	1	2	2	2	2	1	1	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	1	2	2
4	2	2	2	2	2	2	2	2	2	2	1	0	1	1	1	1	1	1	2	1	1	2	2	2	2
S	1	2	3	3	3	3	2	4	2	2	1	1	1	2	2	2	2	1	1	2	2	2	1	1	2
6	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	1	1	1	2	2	2	1	1
7	2	2	2	2	2	1	2	2	1	1	1	1	2	3	3	3	3	2	2	1	1	1	1	1	2
8	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	2	1	1	2	2	1	1
10	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	1	2	2	2	2	2
11	2	2	2	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
12	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
13	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	3	3	3	3	1	0	0	0	1
14	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
1S	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
16	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	0	0	0	0	0	2
17												- OATA INVALIO -													
18												- OATA INVALIO -													
19												- OATA INVALIO -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
2S												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	3	3	2	1
29	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	3	3	4	3	3	3	2
30	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF OATA VALIO - 66.4 PERCENTAGE OF OATA INVALIO - 7.8 PERCENTAGE OF OATA UNAVAILABLE - 2S.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	1.5	3	5
FEB	28	2.1	4	8
MAR	31	1.7	5	8
APR	30	1.2	2	5
MAY	31	1.5	3	10
JUN	30	1.2	2	3
JUL	31	1.1	2	13
AUG	31	0.4	1	3
SEP	30	1.0	2	5
OCT	31	1.3	2	5
NOV	30	1.5	3	5
DEC	20	1.2	2	4
YEAR	340	1.3	5	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	273	118	45	0	0	0	0	436
FEB	280	260	120	6	0	0	0	666
MAR	410	260	67	2	0	0	0	739
APR	506	200	8	0	0	0	0	714
MAY	406	314	15	3	0	0	0	738
JUN	527	185	0	0	0	0	0	712
JUL	624	110	5	2	1	0	0	742
AUG	709	28	0	0	0	0	0	737
SEP	596	118	2	0	0	0	0	716
OCT	474	260	4	0	0	0	0	738
NOV	426	273	18	0	0	0	0	717
DEC	324	168	2	0	0	0	0	494
YEAR	5555	2294	286	13	1	0	0	8149

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
93.0	0	0.0	0.2	0.6	1.1	2.0	2.8	3.7	4.4	13	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	3	2	1	2	2	2	2	2	3	3	3	2	2	2	2	2	2	1	1	2
2	1	1	1	1	1	2	3	3	3	3	3	3	****	4	4	4	4	3	2	2	1	1	1	1	2
3	1	1	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
4	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	2	2	2	1	1	2
5	1	1	1	1	1	1	2	2	3	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	3
6	4	4	4	4	4	4	4	4	4	4	4	3	3	2	2	3	3	3	3	2	2	2	2	3	3
7	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4
8	3	3	2	2	2	2	3	3	4	3	3	3	3	2	2	3	3	4	3	3	3	3	3	2	3
9	2	2	3	3	3	2	2	2	3	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	3
10	4	3	3	2	2	2	3	3	3	3	3	3	3	2	2	3	3	4	4	4	4	4	4	4	3
11	4	4	4	4	4	5	5	4	4	4	4	4	3	3	3	3	4	5	5	5	6	7	7	5	4
12	5	4	4	4	4	4	4	5	5	4	4	4	5	5	5	5	6	6	7	6	6	6	6	5	5
13	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4
14	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	2	2	3	3	3	3	3	4	4	5	4	4	4	3	3	3	3	3	3
16	3	2	2	3	3	3	4	4	4	4	4	3	3	4	4	4	5	6	5	5	5	6	6	7	4
17	6	5	5	5	5	5	4	4	4	5	5	5	5	4	4	4	4	4	3	3	2	2	2	2	4
18	2	2	2	1	1	2	2	3	4	3	3	3	3	3	3	4	4	4	5	4	4	4	4	4	3
19	4	4	4	4	4	5	5	6	6	7	6	5	5	4	5	5	5	5	5	4	4	4	5	4	5
20	4	4	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	1	1	3
22	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	4	3	3	3	3	2	3	2
23	2	2	2	2	3	2	3	4	5	5	4	4	4	5	5	6	6	6	5	5	5	5	5	5	4
24	4	4	4	4	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	4	4
25	4	4	4	3	2	2	4	4	4	4	4	4	5	5	5	4	4	4	4	3	3	3	2	2	4
26	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
27	3	3	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
28	4	4	4	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	1	1	1	1	1	2	3	3	2	3	2	2	2	3	3	3	2	2	2	2	1	1	2
30	1	1	1	1	1	1	2	4	4	3	4	3	3	3	2	3	3	4	3	3	2	2	2	3	2
31	2	2	2	1	1	1	2	3	4	4	3	4	3	3	3	4	4	4	4	3	3	2	2	2	3
MEAN	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	3	4	****	3	4	3	3	3	3	4	4	3	3	3	3	3	3	3
2	2	1	1	1	1	1	2	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4	4	4	3
3	4	4	4	4	4	4	4	4	4	4	6	6	5	5	5	7	6	5	5	5	5	5	5	4	5
4	5	5	4	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	3
5	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
6	3	2	2	3	3	4	4	5	5	5	5	5	4	4	5	4	5	5	5	5	5	5	5	5	4
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	3	2	5
8	1	1	1	1	1	2	2	2	2	2	2	2	2	4	3	3	4	4	4	4	4	3	2	2	2
9	2	2	1	1	1	2	3	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	3
10	4	4	4	4	4	4	4	3	2	2	2	3	4	5	5	4	3	3	4	4	3	3	3	4	4
11	4	4	4	4	3	2	3	4	4	4	4	4	4	3	3	3	2	3	4	5	5	5	5	5	4
12	5	5	5	4	4	4	5	5	5	5	5	5	6	6	6	6	6	6	5	5	5	3	4	4	5
13	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	4
14	5	5	4	4	3	4	4	5	5	5	5	****	****	5	5	6	6	6	5	5	4	4	4	5	5
15	5	4	3	3	2	3	4	4	****	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4
16	2	2	1	1	1	2	4	4	4	4	4	3	3	3	3	3	3	3	3	2	2	2	2	3	3
17	3	3	2	2	1	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
18	4	4	4	4	3	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3
19	3	2	2	2	2	3	4	4	5	5	6	4	3	3	4	3	3	4	3	3	3	3	3	3	3
20	3	2	2	1	2	2	3	3	4	4	4	3	3	3	3	3	4	5	5	4	6	5	4	4	3
21	4	3	3	4	4	4	5	5	5	5	5	4	2	2	2	2	2	2	2	2	2	1	1	1	3
22	1	1	1	1	1	1	2	3	3	4	4	4	5	5	5	6	8	8	7	7	5	5	5	4	4
23	4	3	2	2	2	3	4	5	5	5	5	6	5	5	4	4	4	4	4	4	3	3	3	3	4
24	3	2	2	1	1	1	2	4	4	5	5	5	4	4	4	3	3	4	4	4	4	4	3	4	3
25	4	4	3	2	1	1	1	1	1	3	4	3	4	4	4	4	4	4	4	4	4	3	3	2	3
26	2	1	1	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	2	3
27	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	4	4	4	4	4	3	2	2	2	3
28	2	2	4	4	4	5	5	7	8	8	6	****	6	4	4	3	8	9	10	9	10	8	8	7	6
MEAN	3	3	3	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	6	7	7	7	7	6	6	5	5	6	6	6	5	5	6	6	6	6	6	6	5	4	6
2	3	2	2	1	1	1	2	2	3	3	4	4	5	5	5	5	5	5	5	4	5	5	5	5	4
3	5	5	5	4	4	4	4	4	4	4	4	4	4	5	6	7	7	7	6	6	6	6	5	3	5
4	3	3	2	2	1	1	1	1	2	2	2	2	3	3	2	2	2	3	3	3	3	3	2	2	2
5	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	2
6	2	2	1	1	1	1	2	2	3	3	3	3	3	2	2	2	3	4	5	4	3	3	2	2	2
7	3	4	4	4	3	3	4	4	4	4	4	5	5	6	6	6	6	6	6	6	6	7	7	6	5
8	5	5	5	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	5	5
9	4	4	4	4	4	4	4	5	5	6	4	4	4	4	4	5	5	6	5	5	5	5	4	3	4
10	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	2
13	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	3	3	2	2	1	1	1	1
15	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	3	2	2	3	3	3	2	2
16	2	2	2	2	1	1	2	2	3	3	3	3	3	3	3	3	4	5	5	5	4	4	3	3	3
17	3	2	2	3	2	2	3	4	4	3	4	5	6	5	4	3	3	4	7	8	7	8	7	6	4
18	6	6	5	5	4	4	4	4	4	4	5	5	5	6	7	7	7	8	8	8	8	7	6	6	6
19	5	2	1	2	2	3	4	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4
20	5	5	5	5	5	4	4	6	****	5	5	5	6	6	5	5	6	6	6	6	6	5	5	5	5
21	5	4	4	4	3	3	4	5	5	5	5	6	7	7	8	7	7	7	7	6	6	6	6	6	6
22	6	4	4	3	4	4	4	4	5	5	6	6	6	7	8	8	7	7	7	6	6	6	5	5	6
23	5	5	5	4	5	5	5	5	5	5	5	5	6	8	8	8	8	8	8	8	7	4	3	2	6
24	5	4	2	2	2	2	3	3	3	4	4	5	5	5	5	5	5	5	2	2	2	2	2	2	3
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1
27	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	3	2
28	3	3	4	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	3	3	4
29	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	4	4	3
30	4	3	3	2	2	2	3	3	3	3	4	3	3	3	3	3	3	3	4	5	5	3	2	1	3
31	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	2
MEAN	3	3	3	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3.4

PERCENTAGE OF DATA VALIO - 99.9 PERCENTAGE OF OATA INVALIO - 0.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATE5 INVALIO DATA OUE TO IN5TRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "******" INOICATE5 LE55 THAN 2/3 VALIO DATA FOR OAILY MEAN IN DNE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINE5CENT UNIT5 - 0.01 PART5/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	2	1	1	1	2	3	3	4	4	4	4	4	4	4	4	4	3	3	3	2	3
2	2	1	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3	4	3	2	2	2	1	3
3	1	1	0	1	0	0	1	2	3	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	2
4	4	3	3	3	2	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
5	2	1	2	2	1	1	1	1	****	2	1	2	2	2	2	2	3	3	3	4	3	2	2	2	2
6	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	2
8	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	2	4
9	1	1	1	1	1	2	4	5	5	5	4	5	5	6	6	6	6	6	5	4	4	3	3	2	4
10	1	1	1	1	1	1	3	3	3	3	3	4	4	3	3	3	4	3	4	4	4	4	4	4	3
11	4	4	4	4	3	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5
12	3	3	3	2	2	2	4	5	****	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4
13	3	2	2	2	2	2	2	2	2	3	4	4	4	4	5	5	5	4	4	4	4	4	3	3	3
14	3	2	2	2	2	2	1	1	2	3	2	2	2	2	2	2	2	2	3	2	2	2	1	1	2
15	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	4	3	3	3	2	3	3	2
17	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	3	3	3
18	2	2	1	1	1	1	3	4	4	4	4	4	3	4	5	5	5	4	4	5	4	4	3	2	3
19	2	2	2	1	1	2	3	4	5	4	****	****	5	5	5	4	5	5	5	5	4	4	4	4	4
20	4	4	4	3	4	3	5	5	5	6	5	5	5	6	6	6	6	6	6	6	5	5	5	5	5
21	5	5	5	4	3	3	4	5	5	6	4	4	3	3	3	3	4	6	5	6	7	6	4	3	4
22	3	2	2	2	1	1	1	1	1	3	3	2	2	2	2	1	2	2	2	2	4	2	2	3	2
23	4	4	3	3	3	2	2	4	4	3	3	3	2	2	2	2	3	4	6	6	6	7	6	6	4
24	5	5	4	3	3	3	3	5	7	7	****	4	4	5	4	4	4	4	3	3	3	3	4	5	4
25	6	6	5	4	4	5	6	6	6	6	5	4	2	2	2	2	2	2	3	4	6	5	4	4	4
26	3	2	2	2	1	1	1	2	2	2	2	2	2	2	3	4	5	5	5	3	2	2	2	1	2
27	1	1	1	0	0	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2
28	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	3	4	4	4	3	2
30	3	2	2	2	2	3	4	4	4	4	4	4	3	2	1	2	3	2	3	3	2	1	1	1	3
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	2.9

PERCENTAGE OF OATA VALIO - 99.3 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILA8LE - 0.0

NOTE5 1. "****" INOICATES INVALIO OATA OUE TO IN5TRUMENTATION FAILURE

2. "-" INOICATE5 OATA IS UNAVAILABLE

3. "******" INOICATE5 LESS THAN 2/3 VALIO OATA FDR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	2
2	4	4	3	3	4	3	4	4	4	4	4	5	****	****	6	6	6	6	6	6	5	5	4	3	5
3	2	2	2	3	4	5	5	5	5	5	5	5	5	5	3	3	4	3	3	3	2	1	1	1	3
4	1	1	1	1	1	2	3	4	4	3	****	3	3	4	4	4	3	3	3	3	3	2	2	1	3
5	1	1	1	1	1	1	1	2	2	3	4	4	4	3	2	2	2	2	2	5	4	4	4	4	3
6	3	3	2	1	1	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
7	4	3	2	3	3	3	3	4	4	4	5	5	6	6	6	7	8	7	6	6	6	6	6	6	5
8	5	5	5	4	4	4	5	6	4	3	****	2	2	2	2	2	2	2	2	4	5	5	5	4	4
9	2	1	1	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
10	1	1	2	3	3	3	4	3	5	4	3	3	4	4	4	3	3	2	2	3	3	4	3	3	3
11	4	4	3	3	2	2	3	3	4	5	****	****	1	2	2	2	2	2	3	3	4	3	2	2	3
12	2	2	2	1	1	1	2	3	3	4	3	3	3	3	4	4	4	3	3	3	3	2	2	1	3
13	2	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	1
14	1	1	1	1	1	2	3	3	3	3	3	3	3	2	3	5	4	4	5	5	4	4	4	2	3
15	1	1	1	1	1	1	4	6	6	6	6	5	5	5	5	5	5	5	3	3	3	2	2	1	3
16	1	1	1	1	1	1	2	3	3	3	3	4	4	4	4	5	5	5	4	3	3	3	3	3	3
17	3	3	2	2	2	2	3	3	4	4	4	****	****	4	4	5	6	5	6	6	7	7	6	5	4
18	5	4	4	3	3	3	4	5	5	6	5	6	4	7	6	6	8	10	10	10	10	8	8	7	6
19	7	7	5	4	5	6	6	5	4	4	4	5	4	4	4	5	6	6	6	6	6	5	6	6	5
20	6	3	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	2	4	4	4	4	2
21	4	4	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2
22	1	1	1	1	2	2	2	2	3	****	5	5	5	5	6	6	6	6	6	5	5	4	4	4	4
23	3	3	3	3	3	3	3	4	4	5	5	6	6	6	7	7	7	8	8	7	6	6	5	4	5
24	3	3	2	2	3	4	4	4	4	****	****	4	4	4	5	5	5	4	4	4	4	4	3	3	4
25	3	2	1	1	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3
26	3	2	1	1	1	2	2	2	3	3	3	3	4	4	4	4	5	2	2	2	2	3	3	2	3
27	2	2	2	1	1	1	1	2	2	3	3	3	3	2	2	4	7	3	3	3	3	5	4	3	3
28	3	4	3	3	3	3	3	5	4	4	5	5	4	4	4	4	5	4	4	4	4	4	4	3	4
29	3	2	3	2	3	3	3	3	4	4	4	****	3	3	4	4	5	5	5	5	5	5	5	4	4
30	3	3	3	3	2	3	3	4	5	6	6	6	7	7	7	8	6	3	3	4	5	5	5	5	5
31	4	4	3	3	3	3	3	5	****	****	7	9	9	8	9	10	10	9	9	8	8	7	7	7	7
MEAN	3	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	5	4	4	4	4	4	4	3	3.5

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	5	5	5	5	6	6	6	7	7	7	8	8	9	10	10	9	9	9	8	5	5	5	7
2	2	2	1	1	1	2	2	2	3	3	4	4	5	3	3	3	3	2	2	3	2	2	2	2	2
3	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	4	6	2
4	4	1	1	2	4	3	5	7	5	2	1	1	1	1	1	1	1	1	1	2	1	0	1	1	2
5	0	0	0	1	1	1	1	2	3	****	****	3	4	3	4	5	5	4	4	4	4	4	3	3	3
6	2	3	2	2	3	3	3	3	3	3	4	5	6	6	7	7	7	6	5	5	4	4	4	4	4
7	4	3	3	3	3	4	4	5	5	6	5	7	4	3	3	3	3	4	4	5	6	6	7	6	4
8	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	2	2	2	3	3
9	5	5	4	4	3	3	3	3	5	6	7	6	7	5	4	3	3	2	2	2	2	2	2	3	4
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	4	4	3	3	3	3	3	3	2	2
12	1	1	1	1	1	2	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2
13	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	5	5	4	3	3
14	1	1	2	3	3	4	3	3	2	3	3	3	2	2	3	3	3	2	2	3	3	3	2	2	3
15	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
18	0	0	0	0	1	3	3	4	4	4	4	4	5	****	****	5	5	5	4	4	4	4	3	2	3
19	2	2	2	2	3	3	3	4	4	****	****	5	6	7	7	7	7	6	5	5	5	5	5	5	5
20	5	5	5	4	4	4	5	5	5	5	5	5	6	7	8	8	7	7	9	8	8	8	7	4	6
21	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2	2	2	1	2
22	1	1	1	1	1	2	2	2	3	3	2	2	3	2	2	2	2	2	2	2	1	1	1	1	2
23	1	1	1	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	1	1	1	1	1	1	2	2	3	3	3	4	4	4	4	3	4	4	4	3	3	3	2	3
25	1	1	1	1	2	2	3	3	3	****	****	4	4	5	6	7	8	7	6	3	4	4	3	3	4
26	4	4	4	3	2	2	4	6	5	4	3	2	2	2	2	3	3	2	2	2	3	3	2	2	3
27	1	1	1	1	1	2	2	2	3	3	3	2	6	6	4	6	4	3	3	2	2	2	4	6	3
28	2	2	2	3	3	4	6	6	6	6	7	****	****	4	4	6	6	6	5	5	7	4	3	3	5
29	3	3	3	3	2	3	5	5	6	6	7	7	7	7	7	7	7	6	6	6	6	5	5	4	5
30	4	3	3	3	3	3	3	3	4	4	4	4	5	6	6	7	6	6	6	5	5	4	4	4	4
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	3	4	3	3	3	3	3.0

PERCENTAGE OF OATA VALIO - 98.5 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	1	1	1	1	2	2	2	2	1	1	2	1	2	2	2	1	3	3	3	3	3	3	2
2	2	2	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1
3	1	1	1	0	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	2	2	2	1	1	2	3	3	3	3	3	3	3	3	4	4	3	3	4	3	3	3	3	2	3
5	1	0	1	1	1	2	2	3	2	2	****	3	4	4	4	4	4	4	3	3	3	3	3	2	3
6	2	1	1	1	1	2	3	3	3	3	3	4	4	4	4	5	5	4	4	4	4	3	3	3	3
7	3	2	2	2	2	2	3	4	4	3	3	4	4	5	3	3	3	3	2	2	2	2	2	2	3
8	2	4	3	3	3	2	3	4	3	2	3	3	2	1	1	1	2	2	2	2	4	7	6	6	3
9	4	3	3	2	2	4	6	6	7	7	7	7	8	8	9	8	8	8	7	7	6	6	7	2	6
10	2	2	2	2	3	4	3	3	4	3	3	2	3	3	3	4	4	2	2	2	2	2	2	2	3
11	1	1	3	3	3	4	5	6	****	****	6	4	2	2	3	3	2	2	2	2	2	3	3	2	3
12	1	1	2	1	2	4	6	6	4	4	5	4	5	4	7	7	5	6	6	6	5	5	5	5	4
13	4	3	3	3	2	3	3	4	6	8	8	8	9	8	11	13	11	9	8	9	9	8	7	6	7
14	6	4	4	3	3	3	4	5	6	7	7	5	4	3	2	2	2	2	1	1	1	2	2	2	3
15	1	0	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	2	3	1
16	3	3	2	2	2	2	4	5	5	5	6	4	4	4	3	4	3	3	2	2	3	3	2	2	3
17	1	1	1	1	2	2	3	3	3	3	****	3	4	4	4	4	4	4	4	****	3	3	3	****	3
18	1	****	****	1	1	2	2	2	3	3	4	4	4	4	5	5	****	3	3	3	3	3	3	3	3
19	3	3	2	****	****	****	3	****	****	3	4	4	****	****	3	4	4	3	3	4	5	4	****	****	******
20	5	3	3	****	****	3	4	8	6	5	4	5	7	8	8	8	5	3	4	5	6	5	5	5	5
21	5	4	****	****	****	****	4	4	****	4	5	5	4	****	****	****	2	****	1	2	3	3	****	****	******
22	1	1	1	1	****	1	1	2	1	****	****	1	1	1	****	****	1	1	2	****	6	4	3	3	2
23	6	****	3	4	3	4	6	7	8	9	8	7	5	4	3	4	3	2	2	9	5	2	2	2	5
24	1	1	1	1	1	2	2	****	****	2	2	2	2	****	1	1	2	1	1	1	1	1	1	****	1
25	1	1	1	1	1	2	2	2	2	****	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
27	1	2	1	1	1	1	2	2	2	3	3	4	4	4	4	4	5	4	3	3	4	4	3	2	3
28	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
29	2	2	2	1	1	0	1	1	2	2	3	2	4	3	3	2	3	4	4	2	3	3	3	3	2
30	2	3	2	2	2	2	3	4	4	5	5	4	3	3	3	4	5	2	2	2	2	1	2	1	3
31	1	1	1	1	1	1	1	2	2	2	****	2	1	2	2	4	4	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	4	4	3	3	3	4	4	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF OATA VALIO - 94.1 PERCENTAGE OF OATA INVALIO - 5.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	3	3	3	3	3	4	5	5	5	5	5	5	4	4	4	3	3	2	3
2	2	2	2	2	2	4	4	3	1	2	4	4	4	3	2	2	2	2	2	3	3	3	3	2	3
3	2	1	1	1	2	3	3	4	5	5	3	3	3	2	3	3	3	2	2	2	2	2	2	1	3
4	1	1	1	1	1	1	2	3	3	3	2	2	1	2	2	2	2	2	1	1	2	1	1	1	2
5	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	1	2	2	2	1	1
6	1	1	1	0	0	1	1	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	4	3	2
7	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	2	3	3	2	2	1	2
8	1	1	1	1	0	1	2	2	3	3	3	3	2	3	2	2	3	3	3	3	3	3	2	1	2
9	1	1	1	1	1	2	3	3	3	3	3	4	5	4	4	3	3	3	3	4	4	4	4	3	3
10	3	2	1	1	2	2	3	2	1	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	2
11	3	2	1	1	1	1	2	2	2	3	3	3	3	4	4	4	4	4	3	3	3	3	2	2	3
12	2	2	2	2	1	1	1	2	2	3	3	3	4	4	4	4	4	5	5	4	5	4	4	4	3
13	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	2
14	1	1	1	1	1	1	3	3	3	2	2	2	1	2	2	2	3	2	2	2	1	1	1	1	2
15	0	0	0	0	0	1	2	3	3	3	3	3	2	2	3	3	3	2	2	3	3	2	2	2	2
16	1	1	1	1	1	2	2	2	2	3	3	4	3	3	3	3	3	2	2	3	3	4	3	3	2
17	3	3	2	2	2	2	3	4	4	4	4	****	4	4	4	5	6	6	5	3	2	1	2	2	3
18	1	1	1	1	1	1	1	2	2	3	3	4	3	3	3	3	4	3	2	2	2	2	2	2	2
19	2	2	1	1	1	0	0	1	2	3	3	3	3	3	3	2	1	2	2	4	4	4	3	3	2
20	2	2	2	2	2	2	2	2	3	3	4	4	5	5	5	6	6	5	5	6	5	4	3	3	4
21	3	2	2	2	2	2	3	4	4	5	5	****	****	5	5	6	7	7	6	6	5	4	3	3	4
22	2	2	2	2	2	2	3	3	3	3	4	6	7	7	7	8	9	8	7	6	5	4	4	4	5
23	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	4	5	6	6	3	4	3	1	3
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	1	2
25	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	3	3	3	3	4	2
26	3	2	2	2	1	2	2	2	2	3	3	3	3	3	3	3	1	3	5	5	5	4	4	3	3
27	3	2	1	2	2	3	4	4	4	4	5	5	5	3	3	3	3	2	2	3	2	3	3	3	3
28	3	3	3	3	2	3	3	4	4	****	4	5	6	6	6	6	7	7	7	7	6	5	4	3	5
29	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
30	1	1	1	1	0	1	2	3	3	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	2
31	2	2	1	1	1	2	2	3	3	3	4	5	5	6	7	5	5	4	4	5	5	5	5	4	4
MEAN	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2.6

PERCENTAGE OF OATA VALIO - 99.5 PERCENTAGE OF OATA INVALIO - 0.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	2	2	3	2	2	2	3	3	3	3	2	2	2	2	3	4	4	2	1	1	3
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1	1
4	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	3	3	3	4	4	5	5	4	4	3
5	3	3	2	2	2	1	2	3	3	4	4	5	7	9	9	8	8	8	7	6	7	7	6	5	5
6	4	3	4	3	2	2	3	4	4	3	3	2	2	2	2	2	2	2	2	3	3	1	1	1	3
7	1	0	0	0	0	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
9	2	2	2	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	2	3	3	4	3	2
10	2	1	1	2	1	2	3	2	2	2	2	2	4	5	5	5	4	4	4	3	3	2	2	2	3
11	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	5	6	6	6	3
12	4	3	2	2	2	2	2	2	3	3	4	4	5	6	7	8	7	7	6	6	4	4	4	3	4
13	3	3	2	2	1	2	3	3	3	2	2	2	2	2	2	3	3	3	4	6	6	6	2	1	3
14	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
15	1	1	1	0	1	0	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
16	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	2	3	2	3	2	****	1
17	1	1	1	1	1	2	3	4	3	3	2	****	3	2	2	3	2	2	2	2	1	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	4	4	4	3	2	1	1	0	2
19	1	1	1	0	0	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
20	2	1	1	2	2	2	2	2	2	2	1	1	2	2	3	3	2	2	3	4	2	2	3	2	2
21	2	2	1	1	1	2	3	3	3	3	4	4	4	4	4	4	3	3	2	2	2	1	1	1	3
22	2	2	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
23	2	2	2	1	1	1	1	1	1	2	2	2	3	3	4	4	4	3	3	3	3	3	2	2	2
24	2	2	2	1	1	1	3	3	3	****	4	4	4	4	5	5	5	5	5	5	4	4	4	3	3
25	2	1	1	1	1	2	3	3	3	3	3	3	2	2	3	3	2	2	5	4	4	5	5	3	3
26	2	2	1	1	1	2	3	3	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	3	3
27	3	2	2	2	2	2	2	3	5	4	3	3	3	3	2	3	3	5	5	5	5	5	5	6	3
28	5	4	4	3	1	2	3	3	3	3	3	3	3	4	4	5	5	5	5	5	4	4	2	2	4
29	2	2	2	2	1	2	2	3	3	3	3	4	4	4	5	6	6	6	6	6	5	4	4	4	4
30	4	4	3	3	3	3	2	2	2	2	2	1	1	2	1	1	1	2	4	4	4	3	3	3	3
MEAN	2	2	2	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	3	3	2	2.5

PERCENTAGE OF OATA VALIO - 99.6 PERCENTAGE OF DATA INVALIO - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	5	4	4	5	5	5	4	4
2	4	4	3	2	2	2	3	3	4	4	3	4	5	5	5	5	5	5	5	4	4	4	4	2	4
3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	2	2	1	3
4	1	1	1	1	1	2	3	2	2	2	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3
5	3	2	1	1	1	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	2	2	3
6	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	1	2
7	2	2	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2
10	3	3	3	3	2	2	3	3	2	****	****	****	3	3	3	3	4	4	4	3	3	3	3	2	3
11	2	2	1	1	1	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
12	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	1	1	1	2
13	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2
14	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2
15	2	1	1	1	1	2	3	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
16	3	2	2	2	2	3	3	2	2	2	2	2	3	3	3	4	4	4	4	3	3	3	3	3	3
17	3	2	2	2	3	3	3	3	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	*****
18												- OATA INVALIO -													
19												- OATA INVALIO -													
20												- OATA INVALIO -													
21												- OATA INVALIO -													
22												- OATA INVALIO -													
23	****	****	****	****	****	****	****	****	****	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	*****
24	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	1	1	1	1	1
25	0	0	0	1	1	1	2	2	3	3	3	3	2	2	****	****	3	3	3	2	2	2	2	1	2
26	0	0	0	0	0	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
27	1	1	0	0	0	0	0	1	2	1	2	2	3	2	3	3	3	3	3	3	3	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	1	2	1	1	1	2
29	1	1	1	1	1	1	2	2	2	2	****	4	4	4	4	4	4	4	4	4	4	4	4	4	3
30	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3
31	3	3	2	2	2	2	3	3	3	3	3	4	6	6	6	7	7	7	6	6	5	5	5	4	4
MEAN	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2.3

PERCENTAGE OF OATA VALIO - 80.1 PERCENTAGE OF DATA INVALIO - 19.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	3	4	4	3	3	3	4	4	5	5	5	4	4	4	3	3	3	2	2	4
2	2	2	2	1	1	2	2	2	3	3	3	3	3	3	3	4	5	6	6	5	4	4	4	3	3
3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	4	3	3	2	2	3
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	5	4	4	3	3
5	4	3	3	3	3	2	3	3	4	4	4	3	3	3	4	4	4	4	4	4	4	4	5	5	4
6	5	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	3	3	4
7	2	2	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	2
8	3	2	2	2	2	2	2	2	2	2	****	****	3	3	3	3	3	3	3	3	3	3	3	3	3
9	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
11	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
12	3	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	4	4
13	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	3	4
14	3	3	2	2	2	2	2	3	3	3	3	3	****	4	4	4	4	4	4	4	4	3	3	4	3
15	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	2	2	2	3	4	4	4	4	4	3	3	3	3	3	4	3	3	3	3	3	3	3
17	3	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	5	7	7	7	7	7	7	9	4
18	5	4	5	4	4	3	3	3	3	3	4	5	7	7	8	7	7	8	8	7	6	6	6	5	5
19	4	4	4	3	4	4	3	3	4	4	4	4	5	5	5	6	9	9	10	9	5	3	5	5	5
20	3	3	3	2	2	2	3	3	3	4	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3
21	3	3	2	2	2	2	3	3	3	3	3	****	3	3	4	4	4	4	3	3	3	3	3	3	3
22	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	4	5	4	3	3	2	1	2	3
23	2	2	1	1	1	1	2	2	3	4	****	****	3	3	4	4	4	4	3	4	4	4	3	3	3
24	3	2	2	1	1	1	1	1	1	2	2	2	3	3	3	3	4	4	3	3	3	3	3	4	2
25	4	4	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
26	2	2	2	2	2	3	3	4	4	3	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2
27	1	1	1	1	1	1	1	2	2	2	2	2	****	****	****	****	****	3	3	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
29	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	1	2	2	2	****	2	3	3	3	3	3	3	3	3	3	3	3	3	2
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
2	3	3	3	3	2	2	3	3	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	3	3
3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	3	3	3	3	2	2	3	3	3
4	3	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	2	2	3	3	3	3	3	****	2	2	2	2	3	3	3	2	2	2	2	2	3
6	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
8	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
10	1	1	1	1	2	2	****	****	****	****	****	****	2	3	3	3	4	4	4	4	4	4	3	3	3
11	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
12	2	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2
13	3	3	2	2	2	2	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	2
15	****	2	2	****	2	****	****	****	2	****	****	****	3	3	3	****	****	4	4	4	3	3	3	3	******
16	3	****	****	2	2	2	2	2	****	****	****	****	****	****	2	2	****	****	2	2	****	****	2	2	******
17	****	****	****	****	****	****	****	****	****	****	3	3	2	2	2	3	3	3	3	3	3	2	2	2	******
18	2	2	2	****	****	2	3	3	3	3	3	3	****	****	****	4	4	****	****	****	****	****	****	****	******
19	****	****	****	****	****	****	****	****	****	****	****	5	4	4	4	4	4	4	4	3	3	3	3	3	******
20	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	5	6	6	6	6	4
21	6	6	6	5	5	5	5	5	5	5	5	6	6	5	5	5	5	7	6	6	5	5	5	4	5
22	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	2	3	3	****	3	3	3	3	4	3	3	3	3	3	3	2	1	3
29	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
29	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2
31	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 91.5 PERCENTAGE OF DATA INVALID - 8.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.2	5	7
FEB	28	3.6	6	10
MAR	31	3.4	6	8
APR	30	2.9	5	7
MAY	31	3.5	7	10
JUN	30	3.0	7	10
JUL	29	2.9	7	13
AUG	31	2.6	5	9
SEP	30	2.5	5	9
OCT	24	2.3	4	7
NOV	30	3.0	5	10
DEC	26	2.7	5	7
YEAR	351	3.0	7	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	80	343	315	5	0	0	0	743
FEB	62	234	355	16	0	0	0	667
MAR	129	280	291	43	0	0	0	743
APR	146	312	253	4	0	0	0	715
MAY	110	283	296	41	0	0	0	730
JUN	161	322	179	47	0	0	0	709
JUL	142	360	155	40	3	0	0	700
AUG	152	432	142	14	0	0	0	740
SEP	175	391	138	13	0	0	0	717
OCT	157	347	89	3	0	0	0	596
NOV	36	494	159	19	0	0	0	708
DEC	27	571	82	1	0	0	0	681
YEAR	1377	4369	2454	246	3	0	0	8449

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.4	0	0.6	1.5	2.3	3.1	4.6	5.4	6.6	7.3	13	3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	2	3	2	3	1	1	2	3	3	3	3	3	3	4	4	****	4	3	3	2	2	2	2	2	3
3	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	2
4	2	2	2	2	2	2	2	3	3	2	2	2	3	3	3	4	4	4	4	3	3	3	2	2	3
5	2	1	2	2	2	2	2	3	3	2	3	2	3	3	3	3	4	4	3	4	3	3	3	3	3
6	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4
7	3	3	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	4	4	3	4	4
8	4	3	3	3	2	3	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3
9	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	****	****	3	4	4	4	4	3	3	4	3	3	2	2	3
11	4	4	4	3	4	4	4	4	4	4	4	3	****	****	2	3	4	4	4	4	4	4	4	4	4
12	5	5	5	5	4	4	4	4	5	5	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4
13	4	3	3	3	3	3	3	3	3	3	3	4	****	4	3	4	4	3	3	3	3	3	3	3	3
14	3	3	2	2	2	3	3	3	3	2	2	2	1	1	2	1	2	2	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	2	2	2	2	2	2	****	****	2	3	3	2	2	2	2	2	3	2
16	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	4	4	4	4	4	4	4	4	3
17	5	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	3	3	2	3	2	3	4
18	2	1	1	1	2	2	2	2	3	3	3	3	3	3	3	4	3	3	4	3	3	2	3	3	3
19	3	3	3	3	3	3	3	3	3	4	5	5	4	4	4	4	4	4	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2	2	3	2	2	2	2	3
22	2	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
23	2	2	2	2	2	2	2	3	4	4	3	3	3	5	4	4	5	5	5	5	5	4	4	4	4
24	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	2	2	3	3	3	3
25	2	2	2	2	2	1	2	2	2	3	****	4	****	****	4	4	4	4	3	3	3	3	3	3	3
26	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3	3
27	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	1	1	1	1	2	2	3	2	2	3	3	****	3	3	3	3	2	2	2	2	2	2	2
30	1	1	D	D	D	1	1	2	3	3	2	3	2	3	3	3	3	3	2	2	2	3	3	3	2
31	3	2	1	1	1	1	2	3	3	3	4	3	3	3	3	4	3	2	2	2	2	2	2	2	2
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3
3	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	5	5	5	5	6	6	5	6	4
4	6	6	5	5	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
5	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
6	2	2	2	2	3	3	3	4	4	4	3	3	4	4	4	4	4	4	5	5	5	6	6	6	4
7	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5	6	6	6	5	5	5	6	6	5	5
8	4	2	2	2	1	1	2	2	3	2	2	2	2	****	3	3	3	3	3	2	2	2	3	2	2
9	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	4	3
10	3	4	4	3	2	2	3	3	3	4	4	4	3	3	3	3	3	4	3	3	2	2	2	2	3
11	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	3	4	4	4	5	5	5	5	2
12	5	5	5	5	5	4	4	5	6	****	****	3	3	4	4	4	4	4	5	5	4	4	3	2	4
13	1	1	1	1	1	1	2	3	3	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	3
14	3	2	2	2	1	1	2	3	3	4	4	4	****	****	****	3	4	4	4	4	4	4	4	4	3
15	3	3	3	2	2	4	4	3	3	3	3	3	3	3	3	3	3	2	2	2	1	1	2	1	3
16	1	1	1	1	1	1	1	4	3	3	2	3	4	4	4	4	3	4	3	3	3	2	2	1	2
17	1	1	1	1	1	1	1	4	3	1	1	1	1	2	1	2	3	5	5	5	5	5	5	5	3
18	5	5	5	7	6	5	5	5	4	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	4
19	3	3	3	4	4	4	4	4	5	4	5	6	7	6	3	3	4	4	5	4	4	4	4	5	4
20	5	4	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	7	8	8	7	7	6	6	5
21	6	6	6	7	6	6	6	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3	2	2	4
22	2	2	2	2	2	3	3	5	6	5	4	4	4	4	4	5	5	6	6	6	5	4	4	4	4
23	4	4	4	3	3	4	5	6	7	7	6	4	3	3	****	3	4	5	4	4	4	4	4	4	4
24	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	4	4	2	2	2	4
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
27	2	1	1	1	1	1	2	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4
28	4	3	2	2	2	2	3	4	4	4	4	5	6	5	5	5	7	10	12	12	12	12	12	11	6
MEAN	3	3	3	3	2	3	3	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3.3

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRDGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATIDN - WC ND 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	8	7	6	6	6	6	5	5	8	8	8	8	8	8	7	5	5	5	5	5	5	4	4	6
2	3	5	6	6	5	4	4	4	4	4	4	5	5	4	3	3	4	5	5	5	5	5	5	5	5
3	5	4	4	4	4	4	4	4	4	4	4	3	3	3	4	6	4	5	5	4	3	4	3	3	4
4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2
5	1	1	1	1	1	1	2	2	2	3	3	2	3	****	3	3	4	4	4	4	4	3	3	4	3
6	3	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	3	4	3	3	2	3	3
7	4	4	3	3	3	4	4	4	4	5	5	4	2	2	2	3	3	3	4	4	3	3	4	4	4
8	4	4	4	4	4	4	4	4	5	5	4	4	4	3	2	2	3	3	4	5	5	6	5	6	4
9	4	4	4	4	4	4	3	3	3	****	4	3	3	3	3	3	4	5	6	6	6	6	6	5	4
1D	3	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	1	1	1	1	1	1	1	2	2	****	2	3	2	2	2	3	3	3	2	2	3	4	4	3	2
13	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	3
14	2	1	1	1	1	2	2	2	2	3	2	2	2	****	2	3	2	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16												- OATA INVALIO -													
17												- OATA INVALID -													
18												- OATA INVALIO -													
19	****	****	****	****	****	****	****	****	****	****	****	2	3	2	3	3	3	3	4	5	5	5	5	5	******
2D	4	4	4	3	4	4	3	4	5	7	6	5	4	3	3	3	3	4	6	5	5	4	3	3	4
21	3	5	5	5	4	4	4	4	5	5	5	5	5	4	3	3	2	3	4	5	5	4	5	5	4
22	5	4	4	4	3	4	5	5	6	7	7	7	7	6	4	4	5	5	5	6	6	7	7	7	5
23	7	6	6	6	6	4	4	6	7	7	6	6	6	6	6	6	3	4	4	3	3	2	2	3	5
24	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	4	3	2	3	2	3
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2
26	2	2	2	3	2	2	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	2	2	1	1	2	2	2	2	2	3	3	3	3	4	4	3	3	3	2	3	3	3	2
28	3	3	2	3	3	3	3	4	4	3	3	3	2	2	2	3	3	3	5	5	5	3	3	3	3
29	2	2	2	2	2	2	2	3	4	4	4	5	4	5	5	4	4	4	4	4	4	4	4	3	3
30	3	4	4	4	2	2	3	4	3	5	5	5	4	4	3	4	4	5	4	4	5	5	4	3	4
31	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3
MEAN	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	3	3	3	3.3

PERCENTAGE OF OATA VALIO - 86.3 PERCENTAGE OF DATA INVALIO - 13.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARID MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRDGEN OIOXIDE-CHEMILUMINESCENT UNITS - O.D1 PARTS/MILLION

STATIDN - WC NO 27037 NDRTH/GENEVA STREET, 5T. CATHARINES MDNTH - APR 79

HDUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	3	3	3	3	3	2	2	4	3	3	4	3	3	3	3	2	2	3	3
3	2	1	1	1	1	1	2	3	3	3	3	3	****	2	2	3	3	2	2	4	4	4	4	4	3
4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3
5	2	2	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	4	3	3	2	2	2	2
6	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2
8	3	4	3	3	3	3	3	3	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2
9	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	2
1D	3	3	3	2	2	2	3	3	3	3	4	3	3	3	3	3	3	3	3	5	4	4	5	4	3
11	4	4	4	4	3	3	4	4	4	3	2	2	2	3	4	4	4	4	4	3	3	4	3	3	3
12	3	2	2	2	2	1	2	3	3	3	3	4	3	3	4	4	4	4	4	4	4	4	4	4	3
13	3	3	3	2	2	2	3	3	3	3	2	3	4	4	4	4	4	4	4	3	3	3	4	3	3
14	3	3	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	2
15	3	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
16	2	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2
17	2	2	2	1	2	2	3	3	3	3	****	2	2	2	2	2	3	3	3	3	4	4	3	3	3
18	2	2	2	2	2	2	2	3	3	4	3	3	3	2	2	2	2	3	3	4	3	3	3	3	3
19	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	3	3	3	3	3	4	4	4	3	3
2D	4	4	3	3	3	3	3	4	4	4	4	3	3	2	2	1	3	3	3	5	5	4	3	4	4
21	4	5	4	4	4	5	7	5	6	4	3	4	5	4	3	3	3	3	5	5	4	3	4	5	4
22	5	5	3	2	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	2
23	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	2	3	4	4	4	4	5	3
24	4	4	4	4	4	3	4	5	5	6	5	4	4	4	4	3	3	5	8	8	6	5	5	5	5
25	5	5	5	4	3	3	4	4	5	6	7	6	3	2	2	2	6	8	6	4	5	6	5	5	5
26	2	2	2	2	2	1	1	2	2	2	2	3	3	3	3	3	4	5	4	3	4	4	4	4	3
27	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3
28	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
29	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	3	3	3	3	2	2
30	2	3	3	3	3	4	3	4	3	3	****	****	****	4	4	3	3	2	2	3	3	4	3	2	3
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE DF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.D

NDTES 1. "****" INDICATES INVALIO OATA OUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LE55 THAN 2/3 VALIO DATA FDR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	3	3	4	4	4	4	3
2	3	4	3	3	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3
3	3	2	2	2	2	3	3	3	3	3	3	4	4	6	5	4	4	3	3	5	3	2	2	2	3
4	2	2	1	1	2	2	3	3	3	2	3	3	4	3	3	4	4	4	3	3	3	2	2	2	3
5	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	3	3	2
6	3	2	3	4	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3	4	4	4	3
7	3	2	2	2	2	3	4	3	4	5	4	5	3	4	3	4	3	2	3	6	6	5	5	5	4
8	3	3	3	2	2	3	3	4	4	5	5	2	3	3	2	2	2	2	2	4	4	5	6	4	3
9	3	2	2	1	1	2	3	4	3	3	3	3	3	3	3	3	4	3	2	3	5	5	5	4	3
10	3	2	2	2	2	3	3	4	5	3	3	2	3	2	3	3	3	3	3	3	4	4	4	5	3
11	4	4	4	4	4	4	4	7	6	****	6	6	7	5	5	7	4	3	6	9	7	7	7	7	6
12	6	6	6	4	3	3	3	3	3	2	3	4	4	3	3	3	4	4	3	3	3	3	3	3	4
13	2	2	2	2	1	2	2	1	2	2	2	2	3	2	2	2	2	2	2	3	2	2	2	2	2
14	1	1	1	1	1	2	3	3	3	****	****	3	3	2	2	2	2	2	3	5	6	4	4	3	3
15	3	2	1	1	2	2	4	5	5	4	2	4	3	5	3	3	3	4	4	4	4	3	4	3	3
16	3	2	2	1	1	3	3	3	3	3	3	2	2	2	3	3	3	2	2	3	4	4	4	4	3
17	3	3	3	2	2	2	3	4	4	3	2	3	3	3	2	2	2	2	2	3	3	3	4	4	3
18	4	3	3	2	3	3	3	4	4	5	4	4	5	5	3	4	3	3	3	5	6	6	4	4	4
19	4	5	4	4	3	5	5	4	5	5	5	3	3	2	3	4	4	4	4	5	4	5	4	4	4
20	3	1	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	3	3	5	4	5	5	2
21	6	5	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
22	2	2	2	2	2	3	3	4	3	3	3	2	2	2	3	2	2	2	2	3	3	2	3	3	3
23	3	3	3	3	3	2	3	4	3	3	3	3	2	3	3	3	3	4	4	4	3	3	3	2	3
24	3	2	2	2	2	3	3	4	4	3	3	3	3	2	3	3	2	2	2	2	2	1	1	1	2
25	1	1	1	1	1	1	2	3	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2
26	2	2	2	1	2	2	2	3	3	3	3	3	3	2	3	4	3	2	2	2	3	2	2	2	2
27	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3	3	2	2	2
28	1	1	1	1	1	2	3	3	2	****	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2
29	1	1	1	1	1	2	3	3	3	3	3	2	2	2	3	4	4	3	3	2	3	4	4	4	3
30	3	2	2	2	3	3	3	4	4	3	3	2	2	2	2	2	2	2	1	3	4	4	4	4	3
31	4	3	2	2	2	3	3	5	5	3	3	3	3	2	2	3	3	2	3	4	3	4	3	4	3
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	2.9

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	1	2	2	3	4	5	4	4	4	3	4	4	4	4	4	4	4	3	5	6	5	4	4
2	5	4	2	1	1	2	4	4	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3
3	3	2	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2	3	3	3	3	2	2
4	1	1	1	1	1	2	2	3	****	3	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2
5	2	1	1	1	1	2	3	3	4	3	4	****	3	3	3	3	3	2	2	2	2	3	3	3	2
6	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3
7	2	2	2	2	3	3	3	4	4	4	5	5	5	5	3	2	3	7	8	6	7	5	5	6	4
8	7	4	2	2	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3
9	4	3	2	2	2	3	3	3	2	2	3	4	4	3	3	3	2	2	3	3	4	5	5	5	3
10	4	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	3	0	1	1	1	1	1	1	0	-	-	0	0	1	1	1	1
12	1	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	****	1	1	1	1	1	1
13	1	1	0	0	0	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	1	1	0	0	1
14	0	1	0	0	****	1	2	1	1	1	1	****	0	0	1	1	0	0	1	2	1	1	0	0	1
15	0	0	0	****	0	0	1	1	1	****	****	****	1	1	1	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0
17	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	****	0	0	0	1	2	1	****	****	2	2	-	1	-	-	-	1	2	3	3	3	2	1
19	3	3	3	3	4	3	3	4	3	2	2	2	2	3	2	2	3	2	2	2	4	4	4	5	3
20	4	4	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	1	2	5	5	3	1	1	3
21	1	1	1	1	1	1	2	2	2	3	4	3	3	3	3	2	2	2	2	2	3	3	3	2	2
22	2	2	2	2	2	2	3	3	2	4	4	4	4	4	4	4	-	6	6	6	7	4	4	2	4
23	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
24	1	1	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
25	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	3	3	3	3	2
26	4	4	3	3	6	4	8	13	10	7	5	5	4	****	4	4	4	4	4	5	6	6	5	5	5
27	4	4	3	3	4	4	4	5	5	****	3	2	3	2	2	5	5	4	3	3	3	3	3	3	3
28	5	4	3	2	2	2	4	5	4	3	3	2	2	2	2	2	2	2	2	2	3	3	4	3	3
29	4	4	3	2	2	2	4	4	4	4	4	5	5	4	5	6	6	5	4	4	5	5	6	5	4
30	4	2	2	2	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
MEAN	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2.3

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27D37 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 79

HDUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2
2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2
4	3	3	3	3	2	2	2	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	1	2
5	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	2
6	3	2	2	2	2	2	2	3	3	3	4	3	2	2	2	2	2	2	1	2	4	5	4	4	3
7	3	3	3	3	3	2	2	3	2	2	1	1	2	1	1	1	1	1	2	2	4	3	3	4	2
8	****	****	****	****	****	****	****	****	****	****	****	6	5	****	****	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	****	2	2	2	2	2	3	3	4	3	4	3	3	3	******
10	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
11	3	3	3	3	3	3	4	4	4	2	2	2	2	3	3	3	3	2	3	3	3	4	4	4	3
12	3	2	1	1	1	2	3	4	4	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	2
13	2	2	2	2	2	3	4	4	3	3	3	3	2	2	2	2	2	2	2	3	4	5	5	5	3
14	4	4	4	3	3	3	4	4	4	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3
15	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	1	2	3	3	3	0	1	1	****	2	2	3	3	4	3	3	3	3	3	2	2
17	3	2	1	1	1	2	3	2	2	2	2	2	2	2	2	2	****	2	2	3	3	3	3	2	2
18	2	3	3	3	2	2	3	3	2	2	3	2	2	2	1	1	2	2	2	3	5	3	2	2	2
19	3	4	4	3	2	3	4	4	3	3	3	2	3	2	2	2	2	2	3	3	3	4	3	2	3
20	2	2	1	1	1	3	4	4	****	****	****	3	2	2	2	2	2	2	2	3	4	3	3	5	3
21	6	4	3	2	3	3	3	2	2	2	5	5	3	2	2	2	2	2	2	2	3	2	3	2	3
22	3	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	4	4	3	2	2
23	1	2	1	1	1	3	4	4	3	2	2	3	3	2	2	2	2	2	1	1	2	2	2	2	2
24	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	2	2	3	3	2	3	****	****	2	2	2	2	2	3	2	2	2	2	2	2
26	1	1	1	1	1	2	2	2	2	2	2	2	3	****	3	2	2	2	3	2	2	2	2	2	2
27	2	2	1	1	1	2	2	2	2	2	3	3	3	2	3	3	2	2	2	4	4	3	3	3	2
28	3	3	2	2	2	2	2	2	2	3	2	1	1	1	2	1	1	1	2	2	3	2	3	2	2
29	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	4	5	4	4	4	2
30	3	2	2	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	3	3	3	4	2	3
31	1	1	1	1	1	1	2	3	2	2	2	1	2	2	2	1	1	1	1	3	3	3	2	2	2
MEAN	2	2	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2.3

PERCENTAGE OF OATA VALID - 94.5 PERCENTAGE OF OATA INVALIO - 5.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATIDN - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	2	2	3	3	****	****	0	0	2	2	2	2	2	2	2	1	2	2	2	2	2
2	3	2	2	1	1	2	3	3	2	1	2	2	2	1	2	2	2	2	2	2	3	3	2	2	2
3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2
4	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	2	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
6	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	4	2
7	3	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	2
8	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
9	3	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	4	4	3	3	3
1D	3	2	1	1	1	1	3	3	3	2	2	2	3	2	2	2	2	2	2	3	3	2	3	2	2
11	2	2	1	1	D	0	1	1	1	1	1	1	1	1	1	2	1	2	2	3	3	3	3	2	2
12	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	2
13	2	2	2	2	2	3	3	4	4	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	2
14	1	1	0	0	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
15	1	1	1	1	1	1	1	2	2	****	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2
17	3	3	2	2	2	2	2	3	3	2	****	2	2	2	2	2	2	3	3	4	4	4	4	2	3
18	2	3	3	2	1	1	1	1	2	2	3	3	2	2	3	3	2	2	3	3	3	3	3	2	2
19	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	5	4	4	2
20	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3	2	2	2	2	3	3	3	3	3	3
21	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	1	1	3	3	3	4	4	2	3
22	3	3	3	3	2	2	2	3	****	5	4	3	2	2	2	2	2	2	3	3	4	4	4	2	3
23	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	3	3	2	3	2	2	1	2
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2
25	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	2	2	2	2	2	1
26	3	3	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	2	4	4	2
27	1	1	1	1	1	1	2	4	3	2	3	2	2	2	2	2	2	2	2	3	3	3	4	4	2
28	3	3	3	3	3	3	3	3	4	5	5	4	3	3	3	3	3	2	2	3	4	4	1	2	3
29	2	1	1	1	1	2	2	2	2	****	2	2	2	1	2	2	2	1	1	2	1	2	1	0	2
30	0	D	0	0	0	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2	3	2	2
31	2	2	2	2	2	2	2	2	3	2	3	3	2	1	2	2	1	2	2	2	3	3	4	3	2
MEAN	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2.0

PERCENTAGE OF OATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - WC ND 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	2	1	2	1	1	0	1	1	1	1	1	2	2	2	2	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1
3	D	0	0	0	D	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
4	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2
5	3	3	2	2	1	2	2	3	3	3	4	3	2	1	1	2	3	2	2	3	3	3	2	2	2
6	1	1	1	1	2	1	2	1	****	2	4	3	2	2	2	3	2	2	2	2	1	1	2	2	2
7	1	2	1	1	1	1	2	1	1	1	1	1	2	1	2	2	2	2	2	2	1	1	1	1	1
8	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	2	1
9	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	2
10	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	4	4	4	2	1	1	D	D	2
11	1	1	1	1	1	2	2	2	1	1	1	0	1	1	1	1	1	1	2	3	3	2	2	2	1
12	2	2	2	2	2	2	3	3	****	****	4	3	2	2	2	2	2	2	3	4	3	4	4	2	3
13	1	1	1	1	1	2	2	4	2	2	3	3	3	2	3	3	3	3	3	4	3	2	2	2	2
14	1	1	2	2	3	2	4	4	4	5	3	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	4	4	4	4	3	3	3	******
29	3	3	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	4	3	4	4	4	3
30	3	2	3	3	2	2	2	2	2	2	1	1	2	2	2	2	2	3	3	4	4	4	4	2	2
MEAN	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	2	2	2	1.9

PERCENTAGE OF DATA VALID - 52.4 PERCENTAGE OF DATA INVALID - 47.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - WC ND 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	3	4	3	3	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
2	2	1	1	1	2	2	3	3	3	3	2	2	2	2	2	4	4	2	2	2	1	2	2	3	2
3	2	2	2	2	2	1	1	2	2	2	3	2	2	2	2	2	2	****	****	****	****	****	****	****	2
4	****	****	****	****	****	****	****	****	****	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	******
5	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	1	2
6	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1	1	2	2	2
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
8	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
9	2	2	2	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	3	2	2
10	2	2	2	2	2	2	1	2	3	3	2	3	2	2	2	3	3	3	2	2	2	2	2	2	2
11	2	2	1	1	1	2	2	2	2	****	2	2	2	2	2	3	3	3	3	3	2	2	3	1	2
12	1	1	1	3	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
15	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
18	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2
19	2	2	2	2	2	2	2	2	2	3	3	4	4	4	3	4	4	4	4	3	3	3	3	2	3
20	2	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2
21	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	4	3	2	2
22	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2	3	3	4	4	4	3	4	4	3	3
23	2	1	1	1	1	2	2	3	3	2	1	****	****	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
25	2	1	1	1	1	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	2	2	3	2	2
26	2	2	2	1	1	1	2	3	3	2	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2
27	2	1	1	2	2	2	2	2	3	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	2
28	3	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2
29	2	1	1	1	1	1	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2
30	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3	2
31	2	2	2	2	2	2	2	4	6	7	5	4	5	4	4	4	5	5	5	4	4	2	2	2	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC ND 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	2	3	3	3	3	3	2	2	2	3	3	3	3	2	3	2	2	2	2
2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	2	3	3	4	4	3	3	3	3	3	3
4	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	3	3	2
5	3	3	3	3	3	3	2	3	3	3	3	3	3	****	****	3	3	4	4	4	4	4	5	5	3
6	6	7	7	5	5	4	4	4	5	6	5	5	6	5	5	5	5	5	5	5	5	4	4	4	5
7	4	4	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
8	3	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	2	3
9	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	3	2	3	3	3	2	2	3	2	3	3	3	2	2	2	2	2	2	3
12	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	4	4	4	3	3	3	3	2
13	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3	3	4	4	4	3	3	3	3
14	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3
15	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
16	1	1	1	1	1	1	2	3	3	3	2	2	2	2	3	3	3	3	3	3	2	3	3	2	2
17	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	3
18	4	4	4	3	3	3	3	2	2	2	2	3	4	4	4	4	4	3	3	4	4	4	4	4	3
19	4	3	3	3	3	3	3	3	4	5	6	6	5	5	5	5	5	5	5	5	4	4	4	4	4
20	4	3	2	2	2	2	2	2	3	3	****	3	3	2	2	3	4	4	4	4	4	4	3	3	3
21	2	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3
22	3	3	3	2	1	2	2	3	4	3	3	4	4	4	4	4	5	4	4	4	3	3	3	3	3
23	2	2	2	1	2	2	3	4	5	4	4	4	4	4	5	4	5	5	5	5	4	4	4	4	4
24	4	3	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	4	4	4	4	4	4	4	3
25	4	4	4	4	4	3	3	3	4	3	3	3	2	3	3	3	3	3	3	3	2	2	2	2	3
26	2	2	2	2	2	1	2	3	3	3	3	****	****	****	****	2	2	2	2	3	2	2	2	2	2
27	1	1	1	1	1	1	2	2	2	****	2	2	2	2	3	3	4	4	4	4	4	4	4	4	3
28	3	2	2	2	3	3	3	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC ND 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
3	2	1	1	2	2	3	3	3	3	3	3	3	2	3	3	4	4	4	3	3	3	2	3	2	3
4	2	2	2	2	2	2	2	2	3	****	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
5	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3
6	2	2	2	2	2	2	2	3	3	3	3	3	3	3	1	D	4	3	8	4	5	3	2	4	3
7	2	2	2	2	2	2	3	2	1	D	****	****	3	3	6	8	15	22	15	9	6	5	4	4	5
8	4	2	1	2	2	3	4	7	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
9	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	3	3	2	2	3	2	2	3	3	3	3	3	3	4	4	3	3	4	3
11	19	8	11	12	4	2	2	2	3	****	3	3	2	2	5	11	3	4	3	4	3	2	2	2	5
12	3	2	2	1	2	2	2	2	3	2	2	2	12	6	2	2	2	2	2	2	2	2	2	2	3
13	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
14	1	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
15	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
16	3	3	2	2	2	2	3	3	2	2	2	2	3	3	2	3	2	2	2	2	2	1	1	1	2
17	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	****	****	****	****	****	****	2
18	****	****	****	****	****	****	8	8	8	7	6	5	4	4	4	4	4	4	3	3	3	3	3	3	5
19	3	3	2	2	2	2	2	2	2	2	****	2	2	2	3	3	3	3	3	3	3	3	2	3	2
20	2	2	2	2	2	2	2	2	D	1	4	4	4	5	6	5	4	3	3	2	3	3	3	2	3
21	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3
22	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1
27	1	1	1	1	D	1	1	1	2	****	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
28	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
30	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2
31	1	D	D	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2.4

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.9	4	5
FEB	28	3.3	6	12
MAR	26	3.3	6	11
APR	30	2.7	5	8
MAY	31	2.9	6	9
JUN	30	2.3	5	13
JUL	29	2.3	4	6
AUG	31	2.0	3	5
SEP	15	1.9	3	5
OCT	30	2.2	4	7
NOV	30	2.8	5	7
DEC	31	2.4	5	22
YEAR	342	2.6	6	22

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	48	518	166	0	0	0	0	732
FEB	107	264	276	12	6	0	0	665
MAR	50	345	226	20	1	0	0	642
APR	82	488	140	5	0	0	0	715
MAY	59	509	164	8	0	0	0	740
JUN	207	350	131	8	1	0	0	697
JUL	112	514	77	0	0	0	0	703
AUG	203	500	35	0	0	0	0	738
SEP	158	191	28	0	0	0	0	377
OCT	126	567	30	1	0	0	0	724
NOV	32	547	132	2	0	0	0	713
DEC	104	565	39	9	4	3	1	725
YEAR	1288	5358	1444	65	12	3	1	8171

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.3	0	0.6	1.4	1.9	2.6	3.7	4.4	5.3	6.0	22	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	6	7	7	7	5	4	3	3	2	2	1	1	2	****	2	2	2	2	2	2	1	2	3
2	2	2	2	2	2	2	0	0	****	0	0	0	1	***	3	3	3	4	4	3	-	-	-	3	2
3	****	****	2	2	2	2	2	2	2	2	6	2	3	3	3	3	3	3	3	3	3	3	3	3	3
4	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	****	3	3
6	3	3	3	4	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3
7	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3
9	3	3	3	3	3	3	2	2	3	2	****	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	4	4	4	3	4	4	4	3	3	3	3	3	3	****	3	4	3	3	2	2	2	1	****	1	3
11	1	1	1	1	1	0	****	****	****	****	0	1	1	2	2	3	3	4	3	-	-	3	3	2	2
12	3	3	3	3	3	3	3	2	2	3	4	4	4	3	4	4	4	4	-	-	3	3	3	4	3
13	4	4	4	4	4	2	2	2	2	3	3	3	3	3	4	4	4	3	3	3	3	3	****	3	3
14	4	4	4	4	4	4	4	4	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	3
15	3	4	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	3	3	3	4	4	4	4	5	4	5	5	5	5	4	5	4	4	3	4
17	3	3	3	4	4	3	3	3	3	3	4	4	4	5	5	6	6	5	5	5	4	4	4	5	4
18	4	4	5	2	2	2	2	2	2	3	-	-	3	3	3	3	3	3	3	3	2	2	2	1	3
19	1	2	2	2	2	2	2	2	1	2	3	3	-	3	1	1	2	1	1	1	1	1	1	1	2
20	1	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	3	4	4	3	4	4	4	3
21	3	3	3	3	3	3	3	3	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3	3	3
22	3	3	3	2	2	-	3	3	4	****	3	3	3	4	4	4	4	****	5	5	5	4	5	5	4
23	5	4	4	4	4	4	3	3	3	3	3	3	2	2	2	3	2	2	2	2	2	3	4	4	3
24	4	4	3	4	3	2	3	2	2	-	****	****	****	****	****	****	****	****	2	1	1	2	2	1	******
25	1	1	1	1	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2
26	3	2	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	2
27	3	3	3	3	3	3	3	3	2	2	1	2	3	2	2	2	2	2	2	2	3	3	3	3	3
28	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3	3	3
31	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	****	3	3	3	3	3	3	3	3	3
2	3	3	2	2	2	2	3	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	4	4	3	3	4	3	4	4	4	4	3
4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	4
5	3	3	2	2	2	2	2	2	2	****	1	2	2	2	2	2	-	2	3	3	3	3	3	3	2
6	3	4	4	4	5	4	4	2	2	2	3	4	4	3	3	3	2	2	3	4	3	3	3	2	3
7	3	3	3	3	3	2	3	1	1	4	3	2	2	2	2	2	3	3	4	3	4	4	4	4	3
8	4	3	3	3	4	3	3	2	2	2	2	2	****	****	4	4	4	4	3	3	3	3	3	2	3
9	3	3	3	3	3	3	3	3	4	3	3	3	4	4	6	4	5	4	3	3	4	5	6	5	4
10	4	4	3	3	4	4	4	4	5	4	3	4	3	2	2	4	4	4	4	3	3	3	3	3	4
11	2	2	1	1	2	2	2	2	2	3	2	2	3	3	3	3	4	4	3	4	3	3	3	3	3
12	3	3	4	4	5	4	4	5	5	4	4	4	5	4	1	1	3	6	6	5	2	2	1	1	4
13	1	0	0	0	0	1	3	2	2	3	3	2	1	1	1	1	2	3	****	4	3	3	3	3	2
14	3	3	1	1	2	2	2	3	3	3	3	4	5	****	5	5	5	2	2	2	0	0	0	1	2
15	1	2	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	2	1	1	1	2	2	1	1	1	1	1	1	1	3	3	3	3	3	-	1	0	1
17	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	2	3	3	3	3	3	2	1
18	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	1	-	1	1	****	1
19	2	2	2	2	2	3	3	3	4	5	6	6	4	5	5	6	6	7	6	6	6	5	5	5	4
20	5	4	4	4	4	5	5	5	5	5	****	5	6	7	8	9	9	9	9	9	8	8	8	8	6
21	7	7	7	7	6	6	6	6	5	5	5	6	6	6	6	6	6	5	6	6	6	7	8	8	6
22	7	6	5	5	5	6	7	7	7	8	7	6	2	2	2	2	3	4	4	3	2	2	2	2	4
23	2	2	2	2	2	2	2	2	7	5	2	2	2	4	5	6	6	6	6	5	5	5	5	5	4
24	5	4	4	4	4	4	4	4	5	5	3	2	2	2	2	2	2	2	2	2	2	1	2	2	3
25	2	2	1	1	1	1	1	1	2	2	1	0	0	0	1	2	2	1	1	1	1	1	0	0	1
26	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	3	****	4	3	3	3	3	3	2
27	2	2	3	4	3	2	4	4	5	5	6	5	6	5	6	5	5	6	5	5	5	5	6	6	5
28	6	8	6	7	6	6	6	6	6	6	7	8	8	8	8	8	8	9	9	8	8	8	5	4	7
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	3	1	1	1	2	1	1	1	2	2	1	2	2	2	2	2	1	2	4	4	5	2
2	5	5	4	3	3	3	2	2	2	****	4	4	5	5	5	4	4	-	****	4	4	4	4	4	4
3	4	3	3	3	2	2	3	3	3	3	2	1	1	1	2	1	1	1	2	1	2	5	3	1	2
4	1	1	1	1	1	1	1	1	1	1	1	3	4	4	4	4	4	4	4	3	3	3	3	3	2
5	3	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	3	4
6	3	3	3	3	3	4	3	4	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	3
7	-	****	3	3	3	3	3	3	3	4	2	1	2	1	1	1	1	1	2	2	3	4	3	4	2
8	4	4	4	5	4	2	3	4	4	4	4	5	6	5	4	2	3	3	4	3	3	2	3	3	4
9	3	2	2	3	3	2	2	2	3	4	3	4	3	3	3	3	3	2	2	2	2	1	1	4	3
10	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	2	2	3
11	2	2	2	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3	3	2
12	3	4	2	1	2	2	3	3	3	3	3	4	3	****	3	3	3	3	4	4	4	4	-	4	3
13	4	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	6	6	5	5	5	5	5	5	4
14	5	5	5	5	5	5	6	4	4	4	****	****	4	4	4	4	4	4	4	3	3	3	3	3	4
15	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3
16	5	5	6	7	6	-	5	4	4	4	4	4	5	5	5	6	6	7	6	5	4	4	5	5	5
17	4	4	4	4	4	5	3	3	4	4	4	4	5	4	4	4	4	3	4	3	3	5	5	4	4
18	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	3	6	6	2	1	3
19	0	0	0	1	2	2	1	1	4	2	1	1	1	1	1	1	1	1	1	1	2	4	3	3	1
20	4	4	3	3	3	3	2	3	3	3	6	4	3	4	3	2	2	-	****	4	4	****	3	3	3
21	3	4	3	3	3	3	3	3	4	5	5	4	4	4	3	2	2	2	2	4	4	4	4	3	3
22	3	3	4	5	4	3	4	3	3	4	5	6	7	5	5	6	6	7	8	6	5	4	3	4	5
23	6	6	2	1	2	2	4	5	2	1	2	2	2	2	2	2	3	3	2	2	2	4	5	5	3
24	3	1	1	1	1	1	2	3	2	2	2	4	1	2	2	2	5	5	5	4	4	4	5	4	3
25	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3
26	2	2	2	2	2	2	4	4	3	3	3	****	3	4	4	3	4	4	4	5	6	5	4	4	3
27	3	3	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4
28	3	3	3	3	3	4	4	4	5	4	5	5	5	3	2	1	1	1	1	1	1	1	1	1	3
29	4	5	5	5	****	5	6	7	7	7	7	****	8	7	7	4	4	4	4	4	4	3	3	3	5
30	2	1	1	1	1	1	3	2	-	2	1	2	1	1	3	7	7	7	7	8	8	7	7	8	4
31	7	7	7	6	6	6	6	7	7	6	5	5	5	5	5	5	5	5	4	3	2	1	1	1	5
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	4	4	3	4	4	3	3	3.3

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	2	2	1	1	4	****	****	6	6	****	6	7	6	6	5	5	4	3
3	4	5	5	4	3	4	5	5	5	5	5	6	8	6	7	8	3	2	2	1	1	3	4	3	4
4	3	3	3	3	3	3	3	2	1	1	1	1	1	1	****	1	****	1	1	1	1	1	1	2	2
5	4	7	5	6	6	****	7	7	-	-	****	5	6	6	7	7	7	7	7	6	5	4	5	5	6
6	6	5	4	3	3	4	5	5	5	4	****	1	2	2	2	3	3	3	3	3	3	3	3	3	3
7	2	2	2	2	2	3	3	4	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4
8	4	4	3	2	2	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	1	1	2	3	2	2	2	2	2	3	1	2	3	5	4	4	3	2
10	3	3	2	2	3	3	5	6	8	7	2	1	1	4	7	7	8	7	7	6	5	5	5	3	5
11	3	2	4	5	5	2	3	4	2	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2
12	0	0	0	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	3	4	6	6	6	6	6	6	7	6	6	7	7	9	8	6	5	5	6	5
15	5	3	3	2	2	2	2	3	3	4	4	5	5	5	5	5	6	5	5	6	5	5	5	4	4
16	3	3	2	2	2	3	4	5	5	5	5	6	6	3	7	5	2	****	5	6	****	6	5	5	4
17	2	1	3	3	3	4	5	9	8	8	7	6	****	-	-	6	6	6	5	5	5	4	4	4	5
18	4	4	3	3	3	3	4	5	2	2	1	****	-	-	2	5	2	2	1	3	5	5	5	4	3
19	4	4	3	3	3	4	4	5	4	3	3	3	2	2	****	1	2	2	2	4	5	4	4	4	3
20	3	1	2	3	3	4	4	4	4	4	4	4	3	2	2	2	2	2	2	4	6	3	5	5	3
21	5	5	5	5	5	4	4	5	4	3	3	6	4	3	3	3	2	2	3	3	4	6	5	6	4
22	6	5	5	4	4	4	4	3	2	2	2	2	2	2	2	2	2	3	5	7	7	6	5	5	4
23	5	5	4	4	4	3	4	4	4	5	5	4	4	3	2	2	2	2	2	2	2	2	7	6	4
24	4	3	5	4	4	4	3	3	2	2	2	****	****	****	5	4	4	4	4	4	4	5	7	6	4
25	2	2	1	1	1	****	5	5	3	2	2	2	2	2	2	2	2	2	2	2	4	2	2	5	2
26	1	1	1	1	1	5	5	6	6	6	****	3	7	7	7	7	7	5	2	2	2	2	2	2	4
27	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
29	3	2	2	1	1	2	2	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	4	3	4
30	2	3	2	2	3	2	2	2	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	3	3	2	2	2	3	3	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	4	3	3.1

PERCENTAGE OF OATA VALID - 94.7 PERCENTAGE OF DATA INVALIO - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	4	4	4	4	4	4	3	3	******
2	3	3	3	3	3	3	3	3	3	3	3	3	2	1	1	2	1	1	1	1	***	0	1	0	2
3	0	0	****	0	0	0	****	1	1	1	2	1	1	1	2	3	3	3	4	4	4	4	4	3	2
4	3	2	2	2	2	3	2	2	3	3	3	4	4	4	3	3	-	3	3	3	3	3	3	3	3
5	2	2	2	2	2	3	3	3	3	0	1	1	1	****	****	1	3	4	4	4	4	1	****	1	2
6	0	****	****	0	0	0	1	1	0	0	0	****	1	****	****	****	0	0	1	1	****	****	****	****	******
7	****	****	****	****	0	0	****	4	1	1	****	1	1	1	1	2	1	1	1	2	4	4	4	3	2
8	4	4	4	2	1	3	4	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
9	1	3	7	7	7	7	6	6	7	7	7	8	7	8	7	7	7	7	7	8	8	9	8	9	7
10	9	8	7	7	9	8	8	9	4	****	****	****	****	****	****	5	2	2	2	2	2	2	1	1	5
11	2	5	2	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	2
12	2	5	6	6	4	4	5	4	5	5	6	7	8	9	6	4	4	7	6	3	3	2	2	4	5
13	4	3	3	2	1	2	2	3	3	4	4	4	5	4	5	5	5	6	6	6	6	7	8	6	4
14	7	6	5	6	5	6	5	6	6	7	****	7	7	7	7	7	7	7	7	5	5	7	6	6	6
15	6	7	5	4	4	6	6	5	4	4	****	2	3	2	2	5	3	2	3	5	4	5	5	4	4
16	3	3	3	3	3	3	3	3	3	3	4	4	4	2	1	1	1	1	1	2	2	4	3	3	3
17	-	2	2	****	2	2	3	2	2	2	4	5	4	3	3	3	2	1	1	1	2	2	2	1	2
18	2	3	3	3	3	3	3	2	1	2	1	1	1	1	1	3	1	1	1	3	2	2	4	5	2
19	4	1	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	2	4	4	4	5	5	5	6	5	1	1	1	1	1	1	1	2	5	4	2	3
21	****	5	4	4	4	4	2	1	****	1	2	4	4	4	3	3	4	3	3	3	3	3	4	3	3
22	3	3	2	1	3	3	2	2	3	4	4	2	1	0	1	1	1	0	0	1	0	0	0	****	2
23	0	0	0	1	0	3	3	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
24	1	2	2	1	1	2	2	3	3	3	3	1	0	1	1	1	1	1	1	1	1	0	1	0	1
25	2	0	0	1	-	****	1	2	2	2	****	2	2	****	3	3	2	2	2	2	2	2	2	1	2
26	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	5	4	4	4	4	4	4	2
27	5	4	3	3	3	3	3	3	3	4	4	5	4	1	1	2	1	1	1	1	1	4	4	4	3
28	6	3	6	5	****	4	5	4	3	3	****	6	****	6	7	7	6	7	6	6	6	6	6	6	5
29	4	4	4	4	3	4	4	4	5	5	4	5	3	3	4	3	4	5	5	4	4	3	2	2	4
30	1	2	1	1	1	2	3	5	7	5	6	5	3	****	2	2	2	8	8	8	8	7	8	6	4
31	6	5	5	5	5	5	5	6	6	5	5	6	4	2	2	2	2	2	2	2	2	2	1	1	4
MEAN	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2.9

PERCENTAGE OF OATA VALIO - 91.9 PERCENTAGE OF DATA INVALIO - 7.7 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	3	2	1	1	****	1	****	-	-	1	2	1	1	1	2	2	2	3	2	2
2	1	1	1	3	5	5	4	4	4	5	6	5	1	2	2	5	7	7	6	6	7	8	10	9	5
3	9	8	5	5	5	7	6	6	6	8	9	9	10	9	9	9	9	10	10	11	11	11	10	11	8
4	9	7	6	10	9	10	11	10	10	11	7	6	8	8	12	12	11	10	11	12	11	9	10	10	10
5	9	8	8	8	9	9	10	10	9	10	11	-	10	11	11	10	11	6	3	3	3	3	3	2	8
6	2	2	2	2	2	1	2	1	1	****	****	2	2	2	2	2	2	1	1	1	1	1	2	3	2
7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	5	2	2	2
8	1	3	4	2	1	1	2	6	****	7	7	7	8	8	9	9	9	9	9	9	8	8	7	8	6
9	8	6	6	5	5	6	7	8	4	5	5	5	3	3	3	2	2	2	2	2	2	2	2	1	4
10	1	1	1	1	1	1	1	4	5	5	7	8	8	8	7	7	8	8	8	7	7	5	6	5	5
11	4	4	4	4	4	5	6	6	7	7	7	6	7	7	8	9	8	-	-	1	2	4	5	4	5
12	4	3	3	3	4	6	8	6	7	9	8	8	8	7	8	8	8	7	****	6	6	6	5	5	6
13	4	4	4	4	4	6	9	8	****	7	8	8	8	9	9	10	10	9	9	9	7	9	10	8	8
14	6	6	5	5	****	9	14	9	7	3	****	****	3	8	8	9	9	10	10	10	10	10	9	8	8
15	8	7	7	7	7	7	7	8	****	****	****	****	12	12	12	12	12	11	11	11	11	11	11	10	10
16	9	9	9	8	9	9	8	9	9	9	10	11	11	10	11	12	12	12	11	11	11	11	12	10	10
17	10	9	6	7	5	7	8	8	8	9	10	10	10	10	10	10	10	12	13	13	9	8	8	7	9
18	5	4	3	3	2	2	2	2	2	2	****	1	1	2	2	3	2	2	2	1	2	3	5	5	3
19	4	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	2	1	1	2	2	2
20	4	3	3	3	3	3	3	2	2	****	****	****	1	1	2	2	2	2	2	1	3	6	5	7	3
21	7	6	6	6	6	6	5	5	5	5	5	7	8	8	8	9	10	10	10	9	8	7	7	7	7
22	6	5	5	6	5	5	6	6	****	6	7	7	6	5	4	4	-	4	3	4	3	3	4	3	5
23	3	3	2	2	2	2	3	2	2	2	3	2	3	3	3	3	3	3	3	3	2	2	2	2	3
24	2	2	****	2	2	2	2	****	1	2	1	1	1	1	1	1	1	1	1	2	2	3	2	1	2
25	1	1	1	2	1	2	2	2	2	3	4	3	2	1	****	1	-	1	1	1	3	4	4	4	2
26	4	4	3	3	3	3	4	4	5	6	7	6	3	3	4	8	8	9	10	10	9	8	8	7	6
27	7	7	6	7	7	6	7	7	8	8	9	10	11	****	7	10	8	10	12	11	8	8	9	8	8
28	4	6	7	7	4	3	4	5	5	3	3	4	5	4	2	3	2	2	2	2	2	2	2	2	4
29	2	1	2	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	-	2
30	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	-	2	2	2	2	2	1	1	2	1
MEAN	5	4	4	4	4	4	5	5	4	5	6	5	5	5	6	6	6	6	6	6	5	5	6	5	5.1

PERCENTAGE OF OATA VALIO - 95.6 PERCENTAGE OF OATA INVALIO - 3.2 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2 "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	2	2	2	3	3	4	5	5	5	6	6	6	6	5	5	5	5	4	3	3	2	4
2	2	2	2	3	3	3	4	4	3	3	3	3	4	4	4	4	4	5	5	5	4	4	4	4	4
3	4	3	3	3	4	4	4	5	6	6	****	6	7	7	7	8	7	6	4	2	3	3	3	3	5
4	2	2	2	2	2	2	2	2	3	3	2	2	6	3	5	4	3	2	5	4	4	5	5	4	3
5	2	3	3	3	4	5	6	5	5	5	2	****	1	2	1	1	1	1	3	6	6	4	4	4	3
6	3	3	3	4	3	4	5	5	5	6	7	7	****	****	7	3	2	2	1	2	2	3	4	4	4
7	4	4	3	3	3	4	4	4	6	7	5	4	7	6	7	7	9	8	8	7	7	7	7	6	6
8	6	6	5	4	5	5	5	6	4	4	3	3	3	2	2	2	2	2	2	2	7	7	9	8	4
9	7	8	7	6	5	5	6	6	5	3	2	3	****	2	2	2	3	2	2	3	2	2	6	6	4
10	6	5	5	5	5	6	5	6	6	6	7	-	8	8	9	8	7	8	7	6	7	7	7	6	7
11	7	7	6	5	6	7	8	4	4	3	3	3	2	2	3	10	10	9	4	3	7	6	5	6	5
12	6	6	4	5	5	6	7	8	9	****	****	4	6	5	4	3	3	2	7	8	7	8	8	6	6
13	6	4	4	3	4	3	3	3	4	4	****	2	2	2	2	2	2	2	2	2	3	4	3	3	3
14	4	3	3	3	3	3	3	3	3	3	3	4	4	3	2	2	2	5	5	6	5	5	6	6	4
15	5	6	5	5	5	4	4	4	5	6	4	2	5	7	7	6	6	6	6	6	5	3	4	4	5
16	3	2	2	2	3	4	5	6	7	5	****	****	2	2	2	2	4	3	2	2	2	2	4	****	3
17	3	2	2	2	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	2	3	2	2	2	3	4	3	3	2	1	1	1	1	3	5	5	3	3	2
19	3	3	2	2	3	4	5	6	7	7	7	7	7	7	7	5	2	2	2	6	10	6	6	5	5
20	5	4	4	4	4	5	8	9	****	****	11	9	5	3	2	2	1	1	5	8	8	13	7	6	6
21	****	7	5	4	4	4	5	6	7	6	4	4	4	4	3	3	2	2	7	8	8	7	7	6	5
22	6	5	4	4	6	5	-	5	7	8	8	8	8	8	8	8	9	9	9	9	8	9	9	7	7
23	****	5	5	5	5	7	9	10	7	****	4	3	2	2	2	2	2	2	2	6	7	7	6	5	5
24	5	5	4	4	4	6	8	9	8	8	8	7	7	9	8	8	7	6	6	6	6	5	5	5	6
25	4	3	3	3	3	4	6	7	7	7	7	7	7	6	7	7	6	6	6	5	5	6	6	5	6
26	4	4	4	4	4	5	7	8	7	5	5	5	****	3	6	****	9	6	6	6	6	6	5	3	5
27	3	2	3	3	3	4	5	2	2	2	2	2	2	-	1	1	1	1	1	2	2	2	6	7	2
28	6	6	5	5	4	2	3	3	3	3	5	7	7	7	8	8	7	7	8	8	7	6	6	5	6
29	5	3	3	3	2	4	5	5	5	2	2	2	2	2	1	1	1	1	1	2	10	10	10	5	4
30	3	3	2	2	2	3	3	3	6	5	4	3	-	2	-	1	1	6	11	12	11	7	9	5	5
31	3	6	5	5	6	9	9	9	9	10	9	9	9	9	9	9	9	9	9	9	10	9	5	2	8
MEAN	4	4	4	4	4	4	5	5	5	5	5	5	5	4	5	4	4	4	5	5	6	6	6	5	4.6

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1
2	0	0	1	1	1	2	11	9	7	7	7	7	8	8	7	6	7	7	6	7	7	8	8	6	6
3	7	7	5	5	5	7	13	****	****	13	12	11	12	11	11	11	11	11	12	11	10	9	10	9	10
4	8	7	5	5	5	7	9	8	8	10	10	9	9	9	10	10	9	9	9	10	10	10	10	10	9
5	9	10	9	7	6	6	8	8	9	10	10	10	10	10	11	11	11	9	12	12	12	11	11	9	10
6	7	4	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	6	7	2
7	6	5	6	4	3	5	12	15	4	****	****	****	****	****	0	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	9	8	8	9	10	10	10	11	11	****	10	9	9	7	6	5	******
9	4	3	3	4	5	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2	7	3	1	2
10	1	1	1	2	2	3	2	4	5	8	8	7	****	11	8	9	9	9	13	10	9	5	3	7	6
11	5	4	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1
12	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	3	3	4	9	1
13	9	5	4	4	6	10	14	16	7	8	5	9	11	10	10	11	11	9	9	8	8	7	6	6	8
14	7	8	7	7	6	10	14	11	11	8	7	6	6	7	7	7	7	7	-	5	4	4	4	3	7
15	2	2	2	2	3	6	10	12	10	11	12	11	11	12	12	11	13	4	9	10	9	9	8	5	8
16	3	3	3	3	4	8	13	16	11	3	4	3	2	1	0	1	1	1	1	2	5	3	2	2	4
17	2	3	2	2	2	2	2	3	3	4	4	4	5	5	5	4	5	6	6	6	7	****	5	5	4
18	3	2	3	1	1	3	4	4	4	4	4	4	5	4	5	2	1	1	1	1	2	2	1	1	3
19	3	4	3	2	2	3	3	3	1	1	1	1	1	1	1	1	1	1	1	2	2	6	5	5	2
20	5	4	3	3	3	2	2	3	4	5	5	4	4	4	2	2	2	2	2	2	1	2	2	4	3
21	3	3	3	2	2	2	2	3	4	6	7	6	4	2	1	1	1	1	1	1	1	2	4	3	3
22	2	2	2	1	2	2	2	2	2	1	1	1	0	0	0	0	1	1	0	1	0	0	0	1	1
23	3	3	3	3	2	2	2	2	2	3	3	4	5	****	****	8	8	8	7	6	6	4	2	2	4
24	3	3	4	4	4	4	4	5	****	5	6	6	6	7	7	7	7	8	8	9	8	7	8	7	6
25	6	4	5	7	7	6	6	6	5	6	6	6	6	7	7	7	7	7	7	7	8	6	6	5	6
26	5	4	4	4	3	3	3	2	2	2	2	3	2	1	1	1	1	1	1	2	2	4	4	2	2
27	2	2	1	1	4	5	5	3	3	2	2	1	1	1	1	1	5	8	8	7	7	7	7	6	4
28	4	4	3	3	3	3	4	4	4	3	2	2	2	2	1	2	1	1	1	1	1	4	5	5	3
29	6	3	2	1	1	1	3	7	6	6	6	6	7	8	8	8	9	10	9	8	8	7	7	7	6
30	6	7	6	4	5	8	8	9	8	8	9	9	10	****	****	6	5	5	4	3	3	3	3	2	6
31	2	2	2	2	2	2	2	3	3	4	4	3	1	1	1	1	1	1	1	1	1	1	1	2	2
MEAN	4	4	3	3	3	4	6	6	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	4.6

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	4	4	4	3	2	2	2	1	1	1	1	2	2	5	5	2
2	4	4	3	3	3	2	2	3	3	4	4	5	4	4	4	4	4	4	5	4	4	4	3	4	4
3	4	4	4	4	2	2	2	2	2	3	4	3	3	4	4	4	4	4	4	3	2	1	1	1	3
4	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1
5	2	2	2	2	2	2	2	****	3	3	2	2	2	1	1	1	1	1	1	1	1	2	2	3	2
6	2	2	2	2	2	2	3	3	5	4	6	7	8	8	8	7	7	7	6	5	4	4	3	3	5
7	3	2	2	2	2	3	3	2	2	2	2	2	3	3	2	2	2	1	2	2	2	2	2	2	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	1	1
9	2	2	2	1	1	1	2	3	3	2	2	2	3	****	5	5	6	6	6	7	7	7	6	6	4
10	5	4	4	4	5	6	7	7	6	6	6	6	7	7	7	7	7	6	6	3	2	1	1	2	5
11	1	1	1	1	1	2	2	2	2	3	3	2	1	****	****	-	****	****	****	****	****	****	****	****	******
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	2	****	4	3	3	2	2	3	******
20	3	3	2	2	3	3	5	5	5	4	4	4	5	5	5	6	6	6	6	6	6	6	5	5	5
21	5	4	4	4	3	3	4	4	****	4	6	5	6	6	6	5	2	2	2	2	****	1	1	2	4
22	2	2	2	1	0	0	1	1	1	2	2	0	0	0	0	0	0	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1
24	2	2	2	3	3	4	4	3	3	2	1	1	0	1	1	1	1	1	1	3	5	6	5	4	2
25	5	4	4	4	3	3	3	3	4	4	5	5	****	5	****	7	8	8	7	7	6	6	5	5	5
26	4	4	4	3	3	3	4	4	4	4	4	4	2	3	4	5	5	5	4	4	4	4	3	3	4
27	5	3	3	3	2	3	3	4	4	4	5	5	6	6	6	6	6	6	5	5	5	5	5	4	5
28	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	2	1	1	1	1	1	2	3	3
29	3	2	2	3	2	3	3	3	2	2	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	5	5	5	4	4	3	2	1	3
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF DATA VALID - 72.4 PERCENTAGE OF DATA INVALID - 27.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	3	4	5	5	3	2	1	1	0	1	1	2	2	2
2	2	2	2	2	4	1	1	1	2	2	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	1	1	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	2
4	3	3	3	3	3	3	2	3	2	1	1	0	0	2	3	3	3	3	2	2	2	2	3	2	2
5	2	2	2	1	2	2	3	3	3	3	3	4	****	****	4	4	4	4	4	3	3	2	2	3	3
6	3	3	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3
7	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
8	1	-	1	1	1	1	2	2	2	2	2	3	3	3	3	2	2	1	2	2	1	2	2	2	2
9	2	2	2	2	2	2	1	2	****	****	-	****	0	3	3	3	4	4	3	3	3	3	3	3	3
10	3	2	-	2	2	****	3	3	3	****	****	****	4	4	4	4	4	4	4	4	3	4	4	3	3
11	2	2	3	3	2	3	3	4	5	6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12	****	****	****	****	****	****	****	****	****	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	******
13	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
14	3	2	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
15	4	4	4	4	4	4	4	-	4	4	4	4	5	5	5	5	6	6	6	5	5	3	1	1	4
16	1	1	1	0	0	1	1	0	****	****	****	-	0	0	0	0	0	0	0	0	0	3	3	3	1
17	3	3	3	3	3	3	3	-	-	3	3	4	4	4	4	4	4	4	4	3	3	2	3	2	3
18	3	3	2	2	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1
19	1	1	2	2	1	1	1	1	****	1	1	1	1	1	1	-	-	2	6	6	6	6	6	5	3
20	5	5	4	4	4	4	4	4	4	4	4	5	5	6	6	6	6	5	5	5	4	5	5	5	5
21	5	4	4	4	4	4	4	4	3	4	4	4	4	5	5	5	5	5	5	5	5	5	4	4	4
22	4	3	3	3	3	3	3	4	4	4	4	4	8	5	6	6	6	6	5	6	4	1	1	1	4
23	2	3	4	4	4	4	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
24	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2
25	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3
26	3	2	2	2	2	3	3	3	4	3	1	3	3	-	4	4	3	4	3	3	3	3	-	3	3
27	3	3	2	2	2	3	3	3	3	3	4	4	4	1	1	1	1	2	1	2	1	1	2	2	2
28	3	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2
29	2	2	2	2	2	2	2	****	****	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	2	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	1	1	0	1	0
31	1	1	1	1	1	1	1	2	1	1	1	3	1	1	6	2	2	1	1	1	2	1	3	3	2
MEAN	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	3	3	3	4	4	5	5	5	5	5	5	2	4	5	5	4	4	3	3	2	4
2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3
3	3	3	3	2	2	2	2	2	2	3	3	4	4	4	4	4	5	4	3	3	3	3	2	-	3
4	2	2	2	2	1	1	2	1	1	1	2	2	2	2	3	3	3	2	2	3	3	3	3	3	2
5	3	2	2	3	2	2	2	2	3	2	3	4	3	1	1	4	4	4	3	3	1	2	3	3	3
6	3	3	3	3	2	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3
7	4	3	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3
8	3	2	2	2	2	-	****	3	3	2	3	3	3	3	2	3	3	3	3	3	3	2	3	3	3
9	3	2	2	2	3	2	2	2	3	3	3	2	2	1	1	1	1	2	2	-	2	2	2	2	2
10	2	2	2	2	2	2	2	2	1	2	2	3	3	3	3	****	3	3	3	3	3	3	2	3	2
11	2	1	-	1	1	1	1	2	2	2	3	3	-	3	3	3	3	3	3	3	3	3	3	2	2
12	2	2	2	-	2	2	2	2	2	2	1	1	2	2	2	2	2	3	4	3	3	3	3	3	2
13	3	3	2	3	3	3	2	2	2	2	****	2	2	2	3	3	4	3	3	3	3	3	3	2	3
14	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3
15	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3
16	2	2	1	1	0	0	0	1	3	3	3	8	3	5	4	3	3	3	4	3	3	3	2	3	3
17	2	3	2	2	2	2	2	3	3	3	3	3	3	4	4	5	5	5	5	4	4	4	4	3	3
18	3	3	2	2	2	2	2	2	2	2	3	3	4	4	4	4	6	6	4	2	2	2	3	3	3
19	3	3	3	2	1	2	2	2	2	2	****	****	3	4	4	4	3	4	3	3	3	3	2	2	3
20	2	2	3	4	4	4	4	4	4	4	****	3	4	4	4	4	4	4	3	3	3	3	3	2	3
21	1	2	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	-	1	0	0	1	1	1	1
22	2	2	2	1	3	5	5	5	5	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4
23	3	3	3	3	3	2	2	3	3	4	4	4	4	5	4	5	5	4	4	4	4	2	2	2	3
24	2	2	-	1	1	2	2	3	2	2	2	2	3	3	3	3	3	3	4	3	3	****	3	3	3
25	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	1
26	0	0	1	1	1	2	2	2	3	****	4	4	3	3	4	4	4	4	3	3	3	3	3	3	3
27	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3
28	2	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	****	-	****	3	2	2	3	2	2	2
30	2	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3
MEAN	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2.7

PERCENTAGE OF OATA VALIO - 97.4 PERCENTAGE OF OATA INVALIO - 1.4 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	1	0	2	2	1	1	2	****	3	2	2	2	2	1	1	1	2
2	1	1	1	0	0	0	1	2	2	1	2	1	2	3	3	3	3	3	3	3	3	3	3	3	2
3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	****	4	3	4	3	3	3	3	3
4	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3
5	3	3	3	2	3	2	3	3	3	4	4	4	4	5	5	6	6	6	6	6	6	6	6	6	4
6	6	5	5	4	4	4	4	4	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3
7	2	2	3	2	2	2	2	3	3	3	3	****	3	3	3	3	3	3	3	3	3	2	2	1	3
8	1	1	1	1	1	1	2	2	2	2	2	3	3	2	3	3	3	3	****	2	3	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	2	3	2	2	2	2
10	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	4	3	3	2	2	4	4	4	3	2
11	4	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	6	6	5	5	5	5	4	4	4
12	4	4	4	3	4	3	3	3	2	2	2	2	2	2	3	2	3	2	2	1	1	1	1	0	2
13	0	0	0	1	1	1	2	2	1	0	0	0	0	1	3	3	3	3	3	3	3	3	2	3	2
14	3	3	2	2	2	2	2	2	2	2	****	****	2	****	2	****	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2
17	2	2	2	2	2	2	2	3	3	4	4	****	4	3	3	3	3	3	3	3	3	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	2	1	1	2	2	3
19	2	2	2	3	2	1	2	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	1	2	2
20	2	2	1	1	2	2	2	2	2	2	****	2	3	3	3	4	4	4	4	4	4	4	4	4	3
21	4	4	4	4	4	4	4	4	3	4	4	4	4	5	5	5	5	6	7	6	5	5	5	4	5
22	4	4	3	3	2	3	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3
23	3	3	3	3	2	2	2	2	2	2	3	3	3	2	3	3	2	3	2	2	2	2	2	2	2
24	2	1	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
26	2	2	1	0	0	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2
27	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2
28	2	2	2	1	1	2	2	3	3	****	****	2	3	3	3	3	3	3	2	2	2	2	2	2	2
29	2	2	2	1	2	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2
30	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2
31	2	2	1	1	1	1	2	2	2	****	2	2	2	2	3	3	3	3	2	2	2	3	2	-	2
MEAN	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2.5

PERCENTAGE OF OATA VALIO - 98.0 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2.9	4	7
FEB	28	3.2	7	9
MAR	31	3.3	5	8
APR	29	3.1	6	9
MAY	29	2.9	7	9
JUN	30	5.1	10	14
JUL	31	4.6	8	13
AUG	29	4.6	10	16
SEP	21	2.9	5	8
OCT	29	2.5	5	8
NOV	30	2.7	4	8
DEC	31	2.5	5	7
YEAR	348	3.4	10	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	46	530	128	3	0	0	0	707
FEB	115	310	194	40	0	0	0	659
MAR	86	323	292	26	0	0	0	727
APR	180	229	236	37	0	0	0	682
MAY	223	220	185	56	0	0	0	684
JUN	112	189	129	213	44	1	0	688
JUL	43	233	283	157	5	0	0	721
AUG	167	175	154	167	42	5	0	710
SEP	138	205	156	22	0	0	0	521
OCT	155	377	157	1	0	0	0	690
NOV	75	505	120	1	0	0	0	701
DEC	109	523	96	1	0	0	0	729
YEAR	1449	3819	2130	724	91	6	0	8219

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT								MAX	ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99		
93.8	0	0.4	1.6	2.4	3.4	6.0	7.5	9.2	10.3	16	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	3	3	3	3	2	2	2	1	1	2	****	2	2	2	1	2	2	2	1	2
2	2	1	1	1	0	1	2	1	****	1	1	1	1	1	3	3	3	3	2	2	-	-	-	2	2
3	****	****	1	1	1	2	2	2	3	2	10	2	2	3	3	2	3	3	3	3	3	2	2	2	3
4	2	2	1	1	1	1	2	3	3	****	3	3	3	3	3	4	3	4	3	3	3	2	2	2	2
5	2	1	1	1	1	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	****	4	3
6	4	3	3	4	3	4	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3
7	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
9	3	3	3	2	3	2	3	3	3	3	3	3	3	2	3	3	4	4	3	4	4	4	4	3	3
10	4	3	3	3	3	3	3	3	3	****	3	3	4	****	3	3	4	4	2	3	3	3	****	3	3
11	3	3	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	-	-	5	5	4	4
12	5	5	6	4	4	3	3	3	4	4	6	6	4	4	4	4	5	4	-	-	4	4	4	4	4
13	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	****	3	3
14	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	1	2	2
15	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	4	3	3	3	2	2	3	3	2
16	3	3	3	3	2	3	3	3	3	****	3	3	4	4	4	4	5	5	5	5	5	5	5	5	4
17	5	5	5	4	4	4	4	4	4	4	5	5	5	6	5	4	5	4	5	3	3	3	3	3	4
18	2	2	2	2	2	2	1	2	3	2	-	-	2	2	2	2	2	4	4	2	2	2	3	3	2
19	2	3	3	3	2	4	4	3	4	4	5	4	-	4	4	4	4	4	4	4	3	3	3	3	4
20	3	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4
21	3	3	3	3	3	3	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2
22	1	1	1	1	1	-	3	3	3	3	3	3	3	3	3	4	4	****	4	4	3	3	3	3	3
23	3	2	2	2	2	2	4	4	4	4	4	4	4	5	5	5	5	4	5	5	6	5	6	5	4
24	5	5	5	4	4	4	4	4	3	-	****	4	4	4	4	5	5	4	4	4	3	3	4	3	4
25	3	3	4	3	2	1	2	2	3	3	3	3	3	2	2	2	2	3	2	3	1	1	1	1	2
26	2	1	1	2	2	2	3	3	3	2	2	2	2	3	3	4	3	2	2	2	3	3	3	3	2
27	3	3	3	2	2	2	3	3	3	3	3	1	1	3	4	3	4	4	4	3	3	3	3	3	3
28	2	2	2	1	1	0	1	0	2	3	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2
29	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	2
30	2	2	1	1	1	1	2	2	3	****	3	2	3	3	4	4	4	-	3	3	3	3	3	2	3
31	2	2	2	2	1	1	2	2	3	3	2	2	1	2	3	3	3	3	2	2	2	2	2	2	2
MEAN	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.9

PERCENTAGE OF OATA VALID - 96.4 PERCENTAGE OF OATA INVALID - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LES5 THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	2	2	1	2	1	1	1	2	****	3	3	2	2	3	3	2	3	2
2	3	3	2	2	2	2	3	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
3	4	4	4	4	4	4	4	4	4	4	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	4	4	4	4	4	2	2	2	2	2	2	2	2	2	3	3	2	2	1	1	2	3
5	1	1	1	1	1	1	2	3	3	2	2	3	3	3	3	3	-	3	3	3	3	3	3	3	2
6	3	3	3	3	4	4	4	4	4	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	4
7	5	5	5	5	6	5	5	4	5	5	5	4	4	3	4	5	5	5	5	6	5	5	4	4	5
8	3	2	1	1	1	1	3	3	3	****	****	****	3	3	3	3	3	3	2	3	3	3	2	3	2
9	2	2	2	2	1	1	2	3	3	3	2	2	2	1	2	3	3	4	4	4	4	4	4	4	3
10	4	4	3	3	3	3	3	4	3	3	1	2	2	1	1	1	1	1	1	1	1	1	2	3	2
11	2	2	2	2	2	1	2	3	3	3	2	2	3	4	4	4	3	4	4	4	4	4	4	4	3
12	4	4	4	4	5	5	5	5	4	****	4	4	5	6	4	3	4	7	7	5	2	1	1	1	4
13	1	1	1	1	0	1	1	2	2	2	1	1	1	1	1	1	2	3	****	4	4	4	4	4	2
14	3	3	2	1	1	3	3	4	4	5	6	6	8	8	8	7	7	6	5	5	4	4	3	4	5
15	4	4	3	3	3	3	5	5	5	5	5	4	3	3	3	3	3	4	-	3	3	3	3	3	4
16	4	3	4	3	2	1	1	2	2	1	1	1	1	1	1	1	2	2	1	2	2	-	1	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	4	3	2
18	3	3	4	3	3	3	3	3	4	4	3	1	2	2	2	2	3	2	4	2	-	3	4	****	3
19	4	4	3	3	3	3	3	4	4	****	6	4	3	4	4	5	6	6	5	6	5	4	5	5	4
20	4	4	3	2	2	2	4	5	5	5	5	5	5	6	6	7	7	7	8	8	8	8	8	7	5
21	6	6	6	6	6	6	6	6	6	6	5	5	4	4	3	3	3	3	3	2	2	2	2	2	4
22	2	1	1	2	2	2	4	5	5	2	2	1	2	5	6	6	6	6	6	6	5	4	4	3	4
23	4	4	4	5	5	5	5	5	3	2	6	5	5	6	7	7	6	5	5	4	4	3	3	3	5
24	3	3	3	3	2	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	0	1	1	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
26	4	4	4	4	4	4	3	3	4	3	2	1	1	1	1	2	2	****	3	2	2	2	2	3	3
27	2	1	1	1	1	1	3	3	4	3	4	3	3	3	2	2	4	4	4	3	3	3	4	4	3
28	3	3	3	3	3	2	3	4	5	5	6	6	7	6	6	6	7	9	9	10	10	9	9	8	6
MEAN	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3.3

PERCENTAGE OF OATA VALID - 98.1 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.6

NOTES 1. "****" INOICATE5 INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	7	6	5	4	3	4	4	3	4	4	4	4	5	****	5	5	5	4	4	5	5	5	5
2	5	5	4	2	3	3	3	3	4	4	4	5	4	5	4	5	4	-	****	5	5	4	4	4	4
3	4	4	4	4	4	3	3	3	3	4	4	5	5	5	5	4	5	4	5	5	5	5	5	5	4
4	5	5	4	3	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2	1	2	2	2	2
5	2	2	1	1	1	1	2	3	3	3	2	3	3	3	3	3	4	4	4	4	4	4	4	4	3
6	3	2	2	1	1	2	4	3	4	3	3	3	3	3	3	3	3	4	4	4	3	3	3	4	3
7	-	****	3	3	4	3	3	4	4	4	4	4	5	5	5	5	6	5	5	5	5	4	5	5	4
8	5	5	5	5	5	4	4	4	4	5	4	3	5	6	6	5	7	4	5	3	2	2	2	3	4
9	3	3	4	4	3	4	4	4	5	5	6	4	4	5	6	6	6	6	6	6	6	6	3	5	5
10	4	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
11	2	2	2	2	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2
12	2	2	2	1	1	1	3	3	3	3	3	3	3	****	3	3	4	3	3	4	4	4	-	4	3
13	4	3	2	3	3	3	3	3	3	4	4	4	4	4	5	5	5	3	3	3	3	3	3	2	3
14	1	1	1	1	1	1	2	2	3	3	2	3	3	3	2	3	3	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
16	3	3	2	2	2	-	3	3	3	3	3	4	4	5	4	6	6	6	5	4	4	3	3	4	4
17	3	3	3	3	3	3	3	3	4	4	4	4	5	4	5	7	7	7	7	6	5	5	5	4	4
18	4	4	4	5	5	4	4	4	4	4	5	5	6	6	4	4	3	5	6	5	4	7	5	4	5
19	4	3	3	3	2	3	3	4	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	4
20	5	5	4	4	5	6	5	5	5	5	5	4	5	4	4	4	4	-	****	6	6	****	5	5	5
21	5	4	4	4	5	5	4	4	5	4	6	6	6	6	5	5	5	5	5	5	6	6	6	6	5
22	5	5	5	5	5	5	4	4	5	7	8	7	6	5	6	5	6	7	9	7	9	8	7	6	6
23	6	5	2	5	5	4	3	5	5	6	5	6	6	6	6	6	5	4	7	7	4	3	4	4	5
24	4	4	5	4	4	4	3	3	4	4	4	4	4	4	5	5	4	3	3	3	3	3	2	2	4
25	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	3	3	2	3	3	3	2	3	2
27	3	2	1	1	2	2	3	3	3	2	2	3	3	3	3	3	4	3	3	3	3	3	3	4	3
28	4	4	4	3	3	3	3	4	4	3	3	3	4	4	4	4	4	4	4	4	4	3	4	4	4
29	3	2	1	1	1	1	3	4	4	3	3	4	3	4	3	2	2	3	3	3	3	3	3	3	3
30	3	3	3	1	1	1	2	3	-	3	3	4	4	4	3	4	4	4	4	5	5	4	3	4	3
31	3	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	1	0	0	0	0	2
MEAN	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	4	3.5

PERCENTAGE OF OATA VALIO - 98.4 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	3	4	3	2
2	3	3	3	3	3	2	2	2	2	2	3	3	****	****	4	3	****	3	3	3	2	2	2	2	3
3	1	1	0	1	1	1	2	3	2	3	2	1	1	1	1	1	1	1	1	3	3	4	3	3	2
4	3	4	3	3	3	3	4	3	3	3	3	3	4	4	****	****	****	****	3	3	3	3	3	3	3
5	3	2	1	1	****	2	3	-	-	****	3	3	3	3	3	4	4	5	4	4	3	3	2	2	3
6	2	1	0	0	0	1	1	2	2	2	****	2	2	2	2	3	3	2	2	2	2	2	2	2	2
7	2	2	1	1	1	1	2	1	0	1	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1
8	2	2	3	3	3	4	3	3	3	2	3	2	2	3	3	2	3	2	2	3	3	4	4	4	3
9	4	4	4	4	3	4	4	4	4	4	4	2	2	3	3	3	2	1	1	3	4	4	4	4	3
10	3	2	2	1	2	3	3	4	4	2	1	1	2	2	2	2	5	4	4	4	4	4	4	4	3
11	4	4	5	5	4	4	4	4	4	2	2	3	3	4	5	5	5	5	4	4	4	4	5	5	4
12	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	5	5	5	5	5	5	4
13	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	3	4	3	4
14	4	3	2	2	3	3	2	1	1	3	3	3	3	3	3	3	4	3	5	5	4	3	2	3	3
15	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1	1
16	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	****	1	1	****	3	3	3	2
17	2	1	2	1	2	3	3	3	3	2	****	1	1	-	-	1	2	2	1	2	3	3	3	3	2
18	3	3	2	3	3	3	3	3	1	1	1	****	-	-	1	1	1	1	1	2	3	2	4	4	2
19	3	2	2	3	3	3	4	4	4	2	3	2	2	1	2	1	1	2	3	5	3	2	5	4	3
20	3	3	4	3	4	5	4	4	4	****	7	6	6	6	5	6	6	6	6	5	5	5	6	5	5
21	5	5	5	5	4	5	5	6	5	6	7	7	7	7	6	5	6	5	5	5	6	6	6	6	6
22	6	4	3	3	2	2	2	2	0	2	3	3	3	3	3	1	1	1	1	3	4	4	3	3	3
23	3	3	3	3	3	3	3	4	5	5	5	4	4	5	6	5	6	7	8	6	6	6	6	6	5
24	6	5	5	5	4	4	4	5	7	8	11	****	8	8	9	9	10	9	7	5	2	5	10	8	7
25	8	8	5	4	3	****	3	4	6	7	7	8	7	8	8	7	7	6	5	4	6	6	6	6	6
26	6	5	3	1	1	1	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	2	3	3	3
27	3	2	0	0	0	0	1	1	1	1	****	2	2	3	3	3	3	3	3	3	3	3	2	2	2
28	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3
29	3	2	2	1	1	2	2	2	1	1	2	2	2	2	2	2	2	3	4	3	3	3	4	4	2
30	2	3	3	3	3	3	3	4	4	4	5	5	5	5	4	5	4	3	3	4	4	4	4	3	4
MEAN	3	3	3	2	2	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	4	4	4	4	3.2

PERCENTAGE OF OATA VALIO - 96.7 PERCENTAGE OF OATA INVALIO - 2.5 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	3	3	4	3	3	3	3	4	3	3	3	3	3	3	4	4	4	4	4	3
2	4	4	4	4	4	4	4	4	4	4	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	3	2	2	2	2	2	4
4	2	2	2	2	1	3	3	2	2	3	3	2	2	1	2	3	-	2	1	2	3	3	3	3	2
5	3	2	2	2	1	2	2	1	1	1	2	3	3	4	3	2	3	3	3	3	3	2	1	2	2
6	3	2	1	1	2	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3
7	4	4	4	****	3	4	3	3	3	3	4	4	4	5	5	6	6	5	3	3	6	6	6	5	4
8	4	2	2	3	3	5	5	5	7	9	9	5	7	9	7	5	3	3	5	7	7	5	5	6	5
9	4	3	2	1	2	3	3	4	4	3	3	3	3	2	2	3	2	2	2	3	3	4	5	4	3
10	3	2	1	1	2	4	5	6	7	6	3	4	5	4	4	4	3	8	9	6	3	4	5	6	4
11	5	4	5	4	5	4	5	****	6	5	9	8	8	8	8	8	8	7	8	8	7	7	6	7	7
12	7	7	6	2	1	3	3	3	3	2	3	3	1	1	2	7	8	6	2	1	1	1	1	1	3
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	3	3	3	3	3	2
14	2	1	2	1	1	3	4	4	4	4	****	3	4	4	4	5	3	2	3	6	5	5	5	4	3
15	2	1	1	1	2	3	4	3	4	5	****	4	5	5	5	5	6	6	5	4	2	2	4	4	4
16	1	1	1	1	1	3	3	2	2	2	1	2	1	1	1	1	1	1	1	2	5	4	3	3	2
17	-	3	3	****	3	3	3	4	4	5	6	6	5	5	6	7	5	4	5	5	5	4	4	4	5
18	4	4	4	4	4	3	4	4	6	****	7	7	7	7	8	7	7	7	7	5	2	5	7	7	6
19	7	6	5	4	5	5	6	6	5	****	5	5	4	4	4	4	5	5	4	5	5	5	4	4	5
20	4	4	3	3	1	1	2	2	2	1	2	2	2	2	3	5	5	5	6	6	6	6	6	6	4
21	****	3	4	3	1	3	1	1	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	2	1	1	2	2	2	3	3	3	3	3	2	3	3	3	3	3	3	4	5	5	4	****	3
23	4	4	4	5	4	4	4	4	4	4	4	5	6	7	5	5	5	6	5	6	5	6	6	6	5
24	5	4	3	2	2	2	2	3	5	5	4	4	4	3	3	4	4	3	4	4	4	4	4	4	4
25	4	4	4	1	-	****	2	2	2	3	****	3	3	3	3	3	3	3	2	2	2	2	2	3	3
26	3	3	3	3	2	2	2	2	2	2	3	3	3	4	5	3	2	3	3	3	3	2	3	3	3
27	3	2	1	1	1	2	1	2	2	2	2	3	2	3	3	3	5	5	4	3	4	5	4	2	3
28	1	1	2	1	****	3	3	3	4	4	****	4	5	5	5	5	5	5	4	4	4	4	4	3	4
29	2	2	2	2	2	2	3	3	3	3	3	3	4	4	5	4	3	3	3	2	2	4	4	4	3
30	3	4	3	3	3	3	4	3	4	4	3	4	4	3	4	4	5	4	5	5	6	6	6	5	4
31	5	5	4	4	4	4	4	6	7	6	5	5	6	5	5	5	4	4	5	4	7	6	6	5	5
MEAN	3	3	3	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.6

PERCENTAGE OF DATA VALIO - 97.7 PERCENTAGE OF DATA INVALIO - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	5	5	6	5	4	5	****	6	6	-	-	9	8	8	7	6	8	5	4	6	6	6
2	6	6	5	3	1	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	2
3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	3	3	3	4	4	2	2
4	1	1	1	1	2	3	4	4	4	4	2	3	2	2	2	3	1	****	0	1	0	0	2	****	2
5	0	0	***	0	0	2	2	1	0	1	2	-	****	****	****	****	****	****	****	****	****	****	****	****	******
6	****	****	0	****	****	****	****	****	3	3	3	2	3	4	4	4	4	4	3	3	4	4	3	3	3
7	3	3	3	3	3	3	3	4	5	5	5	5	7	7	8	7	7	7	8	5	7	7	7	7	5
8	5	3	5	4	5	4	4	3	2	2	3	3	3	4	4	4	3	3	3	4	4	5	5	5	4
9	4	3	2	1	2	3	3	3	2	6	8	8	8	6	5	6	5	4	6	4	3	3	3	3	4
10	3	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	2	2	1	1	1	0	1	1	1	1	1	0	-	-	0	1	2	2	2	1
12	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	****	2	2	3	3	2	2
13	2	2	1	2	2	2	3	3	3	3	3	2	2	1	2	1	2	1	1	2	4	4	4	3	2
14	3	2	2	4	****	4	4	3	4	5	****	****	****	****	****	4	3	3	3	4	4	3	2	1	3
15	0	0	0	0	1	3	4	4	3	****	****	****	2	2	3	4	3	1	1	2	3	2	2	1	2
16	1	1	0	0	0	1	2	2	2	2	1	1	1	1	1	1	2	1	1	2	2	2	3	3	1
17	4	2	1	0	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	2	0	1	1	0	1
18	0	0	0	0	0	0	0	0	0	1	****	1	0	2	2	5	5	4	4	4	4	4	4	4	2
19	3	3	2	2	2	2	2	2	3	2	3	4	2	2	2	2	2	1	3	4	4	4	4	3	3
20	****	3	3	3	3	3	3	4	4	5	5	5	5	5	5	6	7	6	4	5	3	3	4	1	4
21	0	1	0	0	0	1	2	3	2	2	2	3	3	3	3	4	4	2	2	3	2	2	1	1	2
22	0	0	0	0	0	1	2	3	3	3	****	2	3	2	2	2	-	2	1	1	2	2	1	1	2
23	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1
24	1	2	****	1	1	1	1	****	0	0	0	0	0	0	1	1	2	2	1	1	2	2	3	2	1
25	2	2	1	2	3	3	3	2	3	4	4	2	2	4	4	4	-	4	4	4	5	5	4	4	3
26	4	4	4	3	3	4	5	5	6	8	8	8	8	8	5	6	5	4	4	5	5	6	5	3	5
27	2	1	1	1	2	3	4	5	4	4	4	4	7	8	5	4	4	3	5	4	6	7	4	7	4
28	5	1	1	1	2	4	5	7	8	11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29	****	****	****	****	****	****	****	****	****	6	****	5	6	7	7	7	7	6	6	5	5	6	6	-	******
30	5	5	5	3	3	4	5	5	5	5	5	5	5	5	5	-	5	3	5	6	6	4	5	5	5
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 90.1 PERCENTAGE OF DATA INVALIO - 8.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	3	3	3	2	3	3	2
2	2	2	2	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	2	2	2	1	1	1
3	1	1	1	1	1	2	2	2	3	3	****	2	2	2	1	1	1	1	1	2	1	1	1	2	2
4	2	3	2	3	2	2	2	****	3	3	3	1	1	1	1	1	1	0	0	1	1	1	2	1	2
5	1	1	1	1	1	2	2	2	1	1	1	****	1	2	2	1	0	0	0	1	2	3	2	2	1
6	2	1	1	1	1	2	2	2	2	2	2	1	0	1	1	1	1	1	4	4	4	4	4	3	2
7	3	3	2	2	2	2	2	2	3	3	3	2	1	1	1	2	3	3	2	2	2	2	3	3	2
8	3	3	2	2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	3	3	3	5	6	5	2
9	5	5	5	5	3	4	5	5	6	7	9	8	****	7	7	8	6	7	6	3	5	6	5	2	6
10	1	1	0	0	1	2	2	2	2	2	3	-	3	3	3	4	3	4	3	3	3	3	4	3	2
11	2	1	0	1	1	2	4	4	4	4	4	6	9	9	6	5	4	3	4	5	5	5	6	5	4
12	2	2	1	1	1	2	4	5	4	2	2	1	1	1	2	3	2	3	4	4	3	4	4	5	3
13	3	2	2	2	3	4	4	6	8	8	****	7	7	6	8	7	3	3	6	7	8	6	5	7	5
14	6	5	6	4	7	6	6	6	6	6	4	3	3	2	3	3	3	2	3	3	4	3	4	3	4
15	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	2	2
16	2	2	3	3	3	3	4	4	1	1	****	****	3	4	1	7	8	2	1	1	1	1	1	****	3
17	1	1	1	1	1	1	1	2	3	3	3	3	4	4	3	4	4	2	4	3	2	1	1	1	2
18	2	1	1	1	2	2	2	2	2	2	4	5	4	3	4	5	6	4	5	4	3	2	2	3	3
19	3	3	3	3	2	2	3	3	3	2	3	3	3	3	3	4	4	3	4	5	5	4	5	5	3
20	6	3	2	2	3	4	6	7	7	6	4	3	4	4	6	3	2	5	5	5	7	6	7	7	5
21	****	6	4	3	2	4	4	9	4	3	1	1	2	3	4	4	4	4	3	5	5	4	5	4	4
22	4	3	2	2	2	2	-	2	2	2	2	2	2	2	1	4	1	****	2	3	4	4	5	4	3
23	****	2	2	3	3	5	7	9	10	8	10	9	7	6	6	5	4	3	5	5	4	3	4	2	5
24	2	1	1	1	1	3	4	4	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	2	3
25	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	3	2	2	3	3	2	2	2	2
26	2	1	1	1	1	2	2	2	3	2	2	1	2	2	2	****	2	2	1	1	1	2	2	2	2
27	2	1	1	1	1	2	2	****	****	3	2	3	4	-	3	4	5	3	5	6	5	3	3	3	3
28	3	2	2	1	2	2	3	3	3	4	2	2	2	2	2	2	2	2	2	2	4	2	2	3	2
29	2	2	2	1	1	1	1	1	1	2	2	4	5	6	5	2	1	2	2	5	4	3	3	3	3
30	3	3	3	2	2	2	3	4	5	4	4	5	4	7	5	5	4	2	3	4	4	4	3	2	4
31	2	1	1	0	1	3	3	3	2	2	3	4	3	3	3	4	3	3	3	3	4	3	2	1	3
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2.8

PERCENTAGE OF OATA VALID - 97.7 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	1	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	****	2
2	3	3	2	2	2	3	3	3	2	2	1	2	2	3	2	2	3	2	2	3	4	3	3	3	3
3	2	1	1	1	1	3	4	4	4	4	4	3	3	3	4	4	3	3	4	5	5	4	4	4	3
4	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1	2	3	4	2	3	3	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
6	1	1	0	0	0	0	0	2	2	2	2	2	2	3	2	2	1	2	3	3	4	4	4	3	2
7	3	3	3	3	3	3	2	2	2	****	3	4	****	4	4	4	3	2	2	2	2	3	2	2	3
8	2	1	1	1	1	3	3	3	3	3	3	3	3	4	4	4	3	****	2	1	2	3	3	2	3
9	2	1	2	2	2	2	2	3	3	3	4	4	4	4	4	4	3	3	4	4	4	3	4	3	3
10	3	3	2	2	2	3	2	2	2	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2
11	2	2	1	1	1	0	0	1	0	1	1	2	2	2	3	3	3	3	2	2	2	1	1	1	2
12	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	1
13	2	2	2	2	2	2	2	3	3	3	2	2	2	2	3	3	3	2	2	2	2	2	1	1	2
14	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	1	1	-	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
16	2	1	1	1	1	1	1	2	2	3	3	3	3	3	2	2	2	2	2	3	3	2	2	2	2
17	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	5	4	****	3	3	3
18	4	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3
19	3	2	2	2	1	1	2	1	1	1	2	3	3	4	4	4	4	3	3	3	3	4	4	3	3
20	3	3	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3	4	3	3	3	3	3
21	3	3	2	2	2	2	2	2	2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	2	3
22	2	2	2	2	1	1	1	2	2	2	3	4	4	4	4	4	4	3	3	3	3	3	2	2	3
23	2	2	2	2	2	2	2	2	2	2	****	****	2	2	3	3	4	4	4	4	3	3	3	2	3
24	2	2	1	1	1	1	1	1	****	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3	2
25	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2
26	2	2	2	2	2	1	1	0	0	1	1	2	1	1	1	1	2	1	2	2	1	1	1	1	1
27	0	0	0	1	1	0	1	1	1	2	2	2	2	3	3	3	3	3	3	3	2	2	3	2	2
28	2	2	2	2	2	2	2	2	2	2	3	3	5	4	4	4	4	3	3	3	3	3	3	2	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
30	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2	2	1	2	2	2	2	2	2
31	1	1	1	1	1	1	1	1	2	2	3	4	4	4	4	4	4	3	3	4	3	3	3	2	3
MEAN	2	2	1	1	1	2	2	2	2	2	2	3	2	3	3	3	3	2	3	3	3	3	3	2	2.2

PERCENTAGE OF DATA VALIO - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	5	2	2	2	2	2	2	2	3	4	4	5	5	5	5	4	4	4	4	4	3	5	3	3
2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	2	2	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2
5	2	2	2	2	2	2	2	****	2	3	3	3	3	4	4	4	4	4	3	3	3	4	3	3	3
6	3	3	3	2	3	2	2	2	2	2	3	3	3	3	3	4	3	2	2	2	3	2	2	2	3
7	2	2	1	1	1	1	1	1	1	1	1	2	2	3	3	2	1	1	1	1	1	1	1	1	1
8	1	1	D	0	D	0	D	0	0	D	D	1	1	2	2	3	3	2	2	3	3	2	2	2	1
9	2	2	1	1	1	1	1	1	2	2	2	2	2	****	2	2	2	2	3	3	3	3	3	3	2
10	2	1	1	1	1	2	2	2	2	2	2	2	3	3	3	4	4	3	3	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	2	2	3	3	2	3	4	-	5	5	6	6	6	5	4	3	3
12	3	2	2	2	2	2	2	2	2	3	4	3	3	3	4	4	3	4	3	3	3	3	3	2	3
13	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	5	4	4	3	2	2	3
14	2	1	1	1	2	2	2	1	1	2	2	****	****	2	1	1	1	2	2	2	2	1	2	1	2
15	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
16	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
17	2	1	1	1	1	2	2	3	2	3	3	3	3	3	3	4	4	4	3	4	3	3	2	2	3
18	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	4	4	4	4	****	3	2	2	1	2
19	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	****	2	2	2	2	2	2	1
20	2	2	2	2	2	2	2	2	****	3	2	2	3	3	3	3	3	3	3	4	4	4	3	3	3
21	3	2	2	1	1	2	2	2	2	3	3	3	3	3	3	2	2	1	2	2	****	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	5	5	5	4	4	3
25	4	4	3	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	5	5	3
26	4	4	3	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3
27	3	3	3	3	2	2	3	3	4	5	3	3	3	4	4	4	5	5	5	5	5	7	4	4	4
28	3	3	2	2	1	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3
29	3	3	3	3	3	3	3	3	4	4	3	4	4	4	5	5	5	5	5	5	5	4	4	3	4
30	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2.4

PERCENTAGE OF OATA VALID - 98.8 PERCENTAGE OF DATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - D.1

NDTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATIDN FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

DNTARIO MINISTRY OF THE ENVIRONMENT - AIR RESDRCES BRANCH

POLLUTANT - NITRDGEN OIOXIDE-CHEMILUMINESCENT UNITS - O.D1 PARTS/MILLION

STATION - WC NO 29025 BARTDN/WENTWDRTH HAMILTDN MONTH - DCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	2	2	2	2	3	3	3	4	4	5	5	4	4	4	4	3	3	4	3	3
2	3	4	3	3	3	2	2	2	2	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3
3	3	3	3	2	2	2	2	2	2	2	****	1	1	1	2	2	2	2	2	2	2	2	2	2	2
4	2	2	2	1	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2
6	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	-	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	2
9	1	1	1	1	1	1	D	D	0	D	-	****	0	0	1	1	1	D	1	0	D	1	1	1	1
10	1	1	-	2	1	****	1	1	2	3	2	****	****	****	1	1	2	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	3	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1
12	D	0	D	0	0	0	D	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
13	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
14	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	1	1	1	2	2	2	-	3	3	3	3	3	3	4	4	4	5	5	5	5	5	4	4	3
16	4	4	4	4	4	4	3	3	3	3	3	-	4	4	4	4	4	4	4	4	4	4	4	4	4
17	4	3	4	4	4	4	4	-	-	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4
18	4	4	4	3	3	3	3	****	****	2	2	2	****	2	3	3	3	3	3	3	3	4	3	3	3
19	3	3	3	2	3	2	2	2	3	3	4	3	4	4	4	-	-	6	5	4	3	3	3	2	3
20	2	2	1	1	1	2	2	3	2	3	3	3	4	4	4	5	5	4	3	3	3	3	2	2	3
21	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	3	3	2	2	2	1	2
22	1	1	1	1	2	3	3	3	3	3	3	3	4	4	5	5	5	4	4	4	4	4	5	4	3
23	2	1	1	1	1	3	4	4	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
24	1	1	1	1	1	2	12	8	2	2	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2
25	2	1	1	1	1	3	3	4	3	2	2	2	2	2	2	3	2	3	3	4	3	3	3	2	2
26	3	7	2	1	1	3	3	3	2	3	3	3	3	-	2	2	2	3	3	3	3	3	3	3	3
27	3	3	2	2	2	3	3	3	3	3	3	4	3	3	3	4	4	4	4	4	3	3	3	3	3
28	-	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	2	2	****	****	2	2	1	1	2	3	3	3	3	3	3	3	3	3	3	2
30	3	3	2	2	2	2	3	3	****	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	3	2	2	2	2	3	3	3	3	4	4	4	4	4	5	5	5	4	4	5	4	4	4	4	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	2.4

PERCENTAGE OF OATA VALID - 96.6 PERCENTAGE DF OATA INVALIO - 1.7 PERCENTAGE DF DATA UNAVAILABLE - 1.6

NDTES 1. "****" INDICATES INVALIO DATA DUE TD INSTRUMENTATION FAILURE

2. "-" INDICATES DATA I5 UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - DEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	3	3	3	3	4	3	4	3	4	****	4	3	3	3	3	2	2	2	3
2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	4	5	4	4	4	4	3	2
3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	***'	5	4	4	4	4	3	3	4
4	3	3	2	2	2	2	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	3
5	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	3	3	3	3	3	4
6	2	2	2	2	2	2	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	2	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	2	2	1	3
8	1	1	1	1	1	0	1	0	1	1	1	2	1	2	2	3	3	3	****	3	2	2	2	2	2
9	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2
10	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	3
11	3	3	2	2	2	2	3	4	4	4	4	4	3	4	5	5	6	5	5	4	4	3	3	3	4
12	2	1	1	1	1	1	2	3	2	2	1	2	2	2	2	2	2	1	1	0	1	1	1	1	1
13	1	1	1	1	2	2	2	3	2	3	3	4	4	3	4	4	4	4	4	4	3	3	3	3	3
14	3	3	3	2	2	2	2	2	3	3	****	3	****	****	3	****	3	3	3	3	3	2	2	3	3
15	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3
16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	0	0	0	0	1	1	2
17	2	2	2	2	2	2	2	3	4	4	4	4	3	3	3	4	4	4	4	3	3	3	3	3	3
18	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	4	4	4	4	4	4	4	3	4	3	4	3	4	4	4	3	3	3	3	3	3	3	3	3	4
20	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	5	5	5	5	4	6	7	7	6	4
21	5	7	8	7	7	6	6	7	6	6	9	8	5	5	6	7	7	7	8	10	9	9	8	6	7
22	5	7	7	4	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
23	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	1	2	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1
27	2	2	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	2	3	3	3	3	2	2	2
28	2	1	1	1	0	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	2
29	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2
30	2	2	2	2	2	1	1	1	2	2	1	1	1	2	2	3	3	3	3	3	3	3	3	2	2
31	2	3	2	1	1	2	2	2	3	2	3	2	2	3	3	3	3	3	2	3	3	3	3	-	2
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF OATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	4	5	5	4	4	4	4	5	5	5	5	4	3	3	3	2	2	2	4
2	2	2	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3
3	3	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	-	3
4	3	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
5	3	4	3	4	4	4	4	4	5	5	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4
6	4	4	4	3	3	3	3	3	3	3	5	5	4	5	5	5	5	4	4	4	4	4	4	4	4
7	4	3	2	2	2	1	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8	2	2	2	2	1	-	****	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	-	3	3	2	3	3
10	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	****	2	2	3	3	3	2	3	2	2
11	2	2	-	1	1	1	2	3	3	3	3	2	-	2	2	2	2	3	3	3	3	3	3	3	2
12	3	3	2	-	2	3	3	3	3	3	4	5	5	5	4	4	5	5	4	4	4	4	4	4	4
13	4	4	4	4	4	3	3	3	3	3	3	3	2	2	2	3	3	4	3	4	3	3	3	3	3
14	3	3	3	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
15	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	2	1	3
16	0	1	0	0	0	0	1	1	2	****	3	3	3	3	3	3	3	4	4	3	3	3	2	2	2
17	2	2	2	2	1	1	2	2	2	2	2	3	3	4	4	5	5	5	5	4	4	4	4	4	3
18	3	3	3	3	3	3	3	2	3	3	4	4	5	5	6	6	6	7	6	5	4	4	4	4	4
19	3	3	4	4	3	3	3	3	3	4	****	****	5	7	6	5	5	5	5	5	5	4	4	4	4
20	4	4	5	3	2	3	4	4	4	3	3	3	3	4	4	4	4	4	3	3	3	3	2	2	3
21	1	1	2	2	3	2	3	3	3	3	3	3	3	4	4	3	3	-	3	3	3	3	3	2	3
22	3	3	3	3	-	1	3	3	4	3	3	4	4	4	4	4	5	5	4	3	3	3	3	3	3
23	2	2	2	2	1	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	3
24	3	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	****	3	3	2
25	3	4	4	4	4	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	2	2	3
26	2	2	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	2	2	2	1	2	2	2	2
27	1	1	1	1	1	1	2	2	3	3	2	2	3	3	3	3	4	4	4	4	3	4	4	4	3
28	4	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	****	-	****	3	3	3	3	3	3	2
30	3	2	2	2	2	2	2	3	3	3	2	3	3	3	3	4	4	4	4	3	3	3	3	3	3
MEAN	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALIO - 97.6 PERCENTAGE OF OATA INVALID - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.9	4	10
FEB	28	3.3	6	10
MAR	31	3.5	6	9
APR	30	3.2	7	11
MAY	31	3.6	7	9
JUN	27	2.8	6	11
JUL	31	2.8	6	10
AUG	31	2.2	3	5
SEP	30	2.4	4	7
OCT	31	2.4	4	12
NOV	30	3.0	4	7
DEC	31	2.7	7	10
YEAR	362	2.9	7	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	83	438	195	1	0	0	0	717
FEB	115	256	261	27	0	0	0	659
MAR	72	314	327	19	0	0	0	732
APR	114	333	220	28	1	0	0	696
MAY	84	278	321	44	0	0	0	727
JUN	197	238	179	34	1	0	0	649
JUL	176	349	167	35	0	0	0	727
AUG	184	476	75	0	0	0	0	735
SEP	178	420	112	1	0	0	0	711
OCT	161	442	113	2	1	0	0	719
NOV	37	476	188	2	0	0	0	703
DEC	113	453	150	19	0	0	0	735
YEAR	1514	4473	2308	212	3	0	0	8510

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.1	0	0.5	1.5	2.3	3.0	4.4	5.1	6.4	7.2	12	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
2	2	1	1	1	1	1	1	2	3	3	2	2	2	3	3	3	4	5	5	3	-	-	-	-	2
3	1	1	1	2	2	3	3	3	3	3	2	2	2	2	2	3	4	3	3	3	3	2	2	2	2
4	2	2	2	3	3	2	2	3	4	3	2	2	2	2	2	3	4	3	3	3	3	2	2	2	3
5	2	2	1	1	1	2	3	4	4	4	3	1	1	2	2	3	4	4	4	5	4	4	****	4	3
6	4	5	5	4	4	4	4	4	4	5	3	3	4	3	3	3	3	3	3	3	4	4	3	3	4
7	3	4	3	4	4	4	4	4	5	5	5	4	4	5	6	7	7	6	6	6	4	3	3	3	5
8	4	3	3	3	3	4	4	5	7	5	5	2	2	****	2	2	3	4	4	4	4	4	4	4	4
9	3	2	2	2	2	2	3	4	6	5	4	4	3	3	4	4	5	5	5	5	4	4	5	5	4
10	4	5	4	4	4	3	3	4	5	4	3	3	3	****	2	3	4	4	4	4	4	3	****	4	4
11	4	3	4	4	5	7	5	6	6	8	8	4	0	2	3	4	4	4	5	-	-	6	6	7	5
12	5	5	5	5	5	5	6	7	8	3	2	2	2	2	3	4	4	4	-	-	4	4	4	9	4
13	7	6	5	4	4	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3
14	3	3	3	3	3	2	2	2	3	0	0	0	0	1	1	1	1	1	2	3	2	2	1	2	2
15	1	1	1	1	1	1	2	2	2	2	3	2	2	2	3	3	4	4	3	3	3	3	3	3	2
16	3	3	3	3	3	2	3	3	4	3	****	3	2	2	2	3	4	5	4	4	5	5	5	5	3
17	6	7	8	6	6	3	3	3	3	3	3	3	3	3	3	5	6	6	5	5	3	2	2	3	4
18	2	2	2	2	2	2	2	3	3	3	-	-	2	2	1	2	3	4	4	4	4	4	4	4	3
19	4	4	3	4	4	5	5	6	7	6	6	6	-	4	3	3	3	4	5	5	4	2	3	3	4
20	3	3	4	4	3	4	4	3	4	4	4	4	4	3	3	3	3	4	4	5	3	3	4	4	4
21	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2
22	2	1	2	2	2	-	3	3	4	3	2	2	2	2	2	2	3	****	4	3	3	4	5	4	3
23	4	2	3	3	3	3	3	4	4	4	3	3	3	3	4	3	3	4	4	4	4	3	4	3	3
24	4	3	3	3	3	3	3	3	3	-	3	3	3	4	4	3	3	3	3	2	2	2	2	2	3
25	2	2	3	3	3	2	2	3	4	2	0	****	2	2	2	2	2	2	2	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	-	1	1	0	0	1	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	1	****	****	0	0	0	0	0	0	0	0	0	0
MEAN	3	3	3	3	3	2	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF OATA VALIO - 96.9 PERCENTAGE OF DATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	1	-	2	2	3	3	1	2	2	1
6	2	2	1	2	2	2	3	4	5	6	5	2	4	4	4	3	4	3	2	3	3	3	4	3	3
7	3	2	3	3	4	4	4	3	3	2	2	2	2	2	2	2	3	3	3	5	5	5	4	4	3
8	4	4	4	2	1	1	1	3	****	2	0	1	1	1	1	1	2	2	2	2	2	2	2	2	2
9	2	1	1	1	2	1	3	3	3	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	3
10	4	4	4	3	4	4	4	4	3	5	4	3	1	2	2	1	1	2	2	2	3	3	2	2	3
11	2	2	2	2	2	2	2	1	1	1	1	1	2	3	3	5	6	5	5	5	5	7	5	5	3
12	6	6	8	8	7	6	6	6	6	7	6	4	0	2	4	4	5	5	5	5	3	3	3	2	5
13	2	2	2	2	2	2	2	4	4	3	3	2	1	2	2	2	2	3	****	3	4	3	3	4	3
14	4	3	2	3	3	3	4	5	5	5	5	5	5	5	4	4	3	3	3	3	5	5	5	4	4
15	4	4	3	3	3	3	5	5	4	3	2	2	2	3	2	1	2	3	-	3	3	4	3	3	3
16	3	3	2	2	2	1	2	3	4	4	3	2	2	1	1	2	3	3	3	3	2	-	3	2	2
17	2	2	2	1	1	2	2	2	2	3	2	2	2	3	3	3	2	3	4	4	5	5	5	4	3
18	4	5	5	5	5	5	5	5	4	2	2	1	2	2	2	1	2	2	2	2	-	2	2	****	3
19	2	2	****	2	2	4	5	6	7	7	6	3	1	3	3	5	5	5	6	7	7	6	5	5	5
20	4	5	4	4	4	4	6	6	6	7	6	6	5	5	5	5	6	7	7	8	9	8	7	7	6
21	6	5	6	6	6	7	8	8	7	7	6	7	5	5	5	5	5	4	4	4	4	2	2	2	5
22	2	2	2	****	****	****	****	****	****	****	****	3	3	4	5	5	5	5	5	4	4	3	3	3	4
23	2	2	1	1	1	2	2	3	3	2	4	4	****	7	8	7	8	8	4	3	4	4	4	4	4
24	5	5	5	2	3	4	3	3	3	3	2	2	3	2	2	3	3	4	4	2	2	2	2	3	3
25	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	3	3	3	4	4	3	3	3	3	2
26	2	2	1	2	2	1	2	4	4	3	3	****	3	3	3	4	5	****	5	4	3	3	3	3	3
27	2	4	3	3	2	2	3	4	5	4	3	3	3	3	3	3	4	4	4	5	5	5	6	5	4
28	6	6	7	6	7	6	5	7	8	12	14	10	7	7	6	6	8	9	9	9	13	13	12	12	9
MEAN	3	3	3	2	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3	3.0

PERCENTAGE OF OATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 2.4 PERCENTAGE OF OATA UNAVAILABLE - 0.6

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	6	7	****	4	4	4	4	4	4	4	****	4	4	4	4	5	7	7	6	4	5	6	7	5	
2	5	4	3	2	2	2	3	5	5	5	7	7	6	6	5	6	6	-	****	5	5	5	5	5	5	
3	5	4	4	4	3	3	3	4	3	4	4	5	4	3	4	4	5	6	6	7	6	6	6	6	5	
4	5	5	4	4	4	3	3	3	3	4	4	4	4	5	5	6	4	5	6	7	6	6	6	7	5	
5	5	4	3	4	4	3	3	4	4	3	3	****	3	3	2	3	4	4	5	5	5	4	4	4	4	
6	3	3	3	2	2	3	4	5	5	5	4	4	3	4	4	4	4	4	5	4	4	4	4	4	4	
7	-	***	3	3	4	4	4	6	6	3	3	2	3	2	2	3	4	6	5	6	5	4	5	6	4	
8	6	6	5	5	4	4	5	5	6	5	3	2	2	4	6	5	3	5	4	5	4	5	5	4	5	
9	4	4	4	4	3	5	5	7	10	11	6	5	3	4	5	5	6	5	6	5	5	4	5	5	5	
10	4	5	4	4	3	3	3	3	3	2	3	3	2	2	2	3	3	3	2	2	1	1	1	1	3	
11	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	2	2	2	2	1	
12	1	1	1	1	0	1	2	3	2	1	1	1	****	****	1	2	2	2	2	3	4	4	-	5	2	
13	3	3	2	2	2	2	3	4	4	****	4	4	4	5	5	6	6	5	5	5	3	3	2	3	4	
14	3	2	2	1	2	1	2	2	4	3	2	2	2	2	2	2	2	2	2	3	3	2	3	2	2	
15	1	1	1	1	1	1	2	3	3	2	1	2	2	2	2	2	2	2	3	3	4	4	5	5	2	
16	5	4	5	4	2	-	3	4	4	2	2	3	3	3	3	4	4	5	6	8	7	5	5	5	4	
17	5	4	5	5	6	6	6	6	6	7	7	6	5	4	5	5	6	6	7	5	5	4	5	6	6	
18	6	7	6	6	6	5	6	5	6	6	7	5	4	3	3	3	2	2	2	3	2	1	1	1	4	
19	1	1	1	1	1	1	2	3	1	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	*****	
20	0	0	0	0	0	****	****	****	****	****	11	12	10	8	9	8	7	-	****	8	7	-	6	5	6	
21	6	6	6	5	5	5	6	6	7	6	3	4	4	4	4	4	6	7	6	7	7	8	8	9	6	
22	10	11	10	11	10	8	5	6	7	9	14	13	11	5	7	6	10	8	8	9	9	8	8	7	9	
23	7	6	5	4	4	3	4	5	5	5	5	5	5	5	5	6	9	11	9	6	4	3	4	3	5	
24	6	6	5	3	2	1	2	3	3	3	3	4	6	7	7	5	5	5	5	7	5	5	5	5	5	
25	3	3	2	2	2	2	2	2	1	2	2	1	2	2	2	2	3	3	3	3	3	3	3	3	2	
26	2	2	1	1	1	1	2	2	3	2	1	1	2	1	2	2	2	2	2	2	2	3	2	3	2	
27	3	2	2	1	1	1	2	3	2	2	1	1	1	1	2	1	2	2	2	3	2	3	2	3	2	
28	4	4	5	4	4	6	5	3	3	3	3	3	4	1	2	4	3	5	5	4	4	5	3	4	4	
29	4	4	4	4	2	4	5	6	6	5	6	6	5	3	3	4	5	5	5	5	5	5	5	4	5	
30	4	2	1	1	1	2	2	4	-	4	2	-	-	-	4	5	5	6	5	6	7	7	6	5	4	
31	5	5	4	5	5	3	3	4	4	4	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	
MEAN	4	4	4	3	3	3	3	4	4	4	4	4	4	3	4	4	4	5	5	5	4	4	4	4	3.9	

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	3	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2
2	1	1	1	1	1	1	2	3	4	4	5	****	5	4	5	4	5	5	5	6	4	3	2	1	3
3	1	1	1	1	1	1	1	2	2	1	1	****	****	****	7	3	3	3	4	3	3	4	4	4	2
4	3	3	4	4	4	3	3	4	3	2	2	2	2	2	2	2	2	3	2	2	1	2	2	3	3
5	3	3	1	2	1	****	2	3	-	-	2	1	1	2	2	2	4	4	4	3	4	3	1	1	2
6	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
7	2	2	1	D	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
8	3	4	3	3	3	3	2	2	1	1	1	2	2	2	2	3	3	2	3	3	4	3	3	3	3
9	2	2	1	1	2	2	2	3	3	3	2	1	****	3	3	2	3	3	3	4	4	4	4	4	3
10	3	3	2	1	1	2	2	3	2	2	2	1	1	1	1	1	1	2	2	4	4	3	4	4	2
11	4	3	4	3	3	3	3	4	2	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3
12	3	3	2	2	2	1	1	2	2	2	1	2	2	2	2	3	3	3	3	3	2	2	2	2	2
13	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2
14	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	4	4	4	5	5	5	4	3
15	4	3	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
16	1	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	****	1	2	2	1
17	1	1	1	1	1	1	1	2	2	1	1	****	1	-	-	2	2	3	3	4	4	3	3	3	2
18	3	3	4	3	3	3	3	3	2	2	2	****	-	-	1	2	2	2	3	3	4	3	2	3	3
19	3	2	2	2	3	3	3	3	3	2	2	1	2	1	2	2	2	2	3	4	4	3	3	4	3
20	3	3	3	3	4	4	4	5	6	8	6	4	4	5	5	4	5	4	6	7	5	5	6	7	5
21	7	7	7	11	7	5	6	5	5	5	5	5	4	5	4	4	3	4	5	7	7	5	5	7	6
22	7	7	7	6	5	1	1	1	1	1	1	1	1	1	1	2	3	3	5	6	7	7	5	3	3
23	4	4	3	4	3	4	5	6	8	6	3	3	3	4	4	4	5	6	5	7	7	8	7	8	5
24	6	6	7	7	6	6	6	7	9	6	4	6	6	5	6	6	7	7	7	6	4	4	6	8	6
25	8	8	8	6	3	****	3	4	5	6	6	6	6	5	4	7	9	9	6	8	7	6	6	7	6
26	8	6	6	4	2	1	1	3	5	4	3	3	3	3	4	4	6	5	5	4	4	3	3	3	4
27	4	4	3	1	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
28	1	1	1	1	1	1	1	1	2	2	1	2	2	3	3	2	3	3	4	4	4	4	4	4	2
29	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	1
30	3	3	2	2	2	3	3	3	3	2	0	****	3	4	3	3	2	2	2	3	4	4	3	1	3
MEAN	3	3	3	3	2	2	2	3	3	2	2	2	2	2	3	3	3	3	3	4	4	3	3	3	2.8

PERCENTAGE OF DATA VALID - 97.5 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	2	2	2	****	****	1	1	1	2	2	1	1	1	2	3	4	4	4	2
2	3	3	3	3	3	4	5	4	5	5	3	2	2	2	2	3	3	4	4	4	2	2	3	2	3
3	2	2	1	1	1	2	3	3	3	3	4	3	4	5	6	8	9	8	7	2	2	2	1	1	3
4	1	1	1	1	1	2	2	3	2	2	2	2	4	4	5	3	-	2	2	2	2	2	2	2	2
5	2	1	1	1	1	2	2	1	1	1	1	2	2	1	2	2	2	2	3	3	1	2	2	3	2
6	4	4	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2
8	1	1	1	1	2	3	6	8	11	9	7	9	6	5	6	7	9	9	11	8	8	9	8	3	6
9	3	3	3	3	5	6	9	11	5	4	4	4	3	3	3	5	4	3	3	3	4	5	6	5	4
10	6	7	6	5	4	4	6	8	6	1	3	3	3	4	3	2	4	4	7	5	4	5	5	4	5
11	4	4	4	2	2	2	4	4	4	7	7	6	5	5	3	4	3	2	2	3	3	4	8	9	4
12	8	8	7	5	6	5	4	3	3	2	3	4	4	3	1	1	1	1	1	1	1	1	1	1	3
13	1	1	1	0	0	0	0	0	0	0	0	1	2	2	3	3	2	1	2	3	4	5	5	5	2
14	3	4	3	1	1	3	5	5	5	2	****	2	3	3	3	3	3	3	4	5	5	4	5	4	3
15	3	4	4	3	1	3	4	4	4	4	4	****	3	3	4	4	4	3	3	5	3	3	3	2	3
16	2	1	1	0	1	2	3	2	2	2	1	1	1	1	1	1	2	2	2	2	3	3	4	3	2
17	-	4	4	****	4	4	4	8	7	4	****	3	3	2	3	4	4	4	3	3	3	3	4	3	4
18	3	3	3	3	3	3	4	4	4	5	4	4	5	5	4	4	3	2	3	4	4	5	6	4	4
19	3	3	4	3	3	2	3	2	2	2	1	1	1	1	1	2	2	3	2	4	2	3	3	3	2
20	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	6	7	6	3
21	****	2	4	5	5	3	0	0	1	1	2	2	1	1	1	0	1	1	1	1	1	2	2	2	2
22	1	1	1	1	1	1	2	4	3	3	****	2	1	2	2	2	2	2	3	3	4	4	3	****	2
23	2	2	2	3	3	3	4	4	3	3	2	3	3	4	3	3	3	3	5	6	4	5	4	4	3
24	4	4	3	2	2	2	4	4	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3
25	2	1	1	1	-	****	2	3	3	2	2	0	3	3	2	3	3	3	2	3	3	3	3	2	2
26	2	2	1	1	1	1	2	2	1	2	2	3	3	3	2	2	3	3	5	5	3	3	3	3	2
27	2	2	2	2	1	2	2	2	1	2	1	2	2	3	3	3	3	3	3	5	5	5	5	4	3
28	2	4	5	4	4	4	3	4	4	4	****	2	2	2	3	5	5	4	4	6	5	5	6	5	4
29	5	5	5	4	5	4	5	5	6	6	6	6	6	4	4	4	4	3	3	4	4	5	5	5	5
30	5	5	4	4	4	4	3	4	6	6	5	3	5	5	3	3	4	3	4	6	6	-	7	7	5
31	8	7	8	7	7	7	11	16	11	9	5	3	3	3	3	2	2	3	3	4	5	7	7	6	6
MEAN	3	3	3	2	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	3.2

PERCENTAGE OF OATA VALIO - 98.0 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 0.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

5TATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	5	6	3	2	3	3	3	2	2	2	****	-	-	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	1	1	1	2	2	2	2	3	3	2	3	6	10	****	****	******
3													- OATA INVALIO -												
4	****	****	****	****	****	****	****	****	****	****	****	****	****	7	6	6	7	8	7	7	9	8	2	6	******
5	1	1	1	1	2	6	6	7	6	4	****	-	****	3	2	3	2	2	3	2	4	3	4	4	3
6	3	3	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	3	2
7	3	3	2	2	3	4	5	6	6	7	4	****	4	5	3	4	4	4	5	5	7	10	10	9	5
8	8	5	4	5	4	5	6	5	2	4	3	4	4	4	4	5	4	****	5	6	5	7	7	6	5
9	5	5	5	5	5	5	7	9	6	2	****	****	3	****	****	****	****	****	****	3	3	4	4	5	5
10	5	5	5	4	2	2	3	3	1	1	1	2	2	1	1	1	1	1	1	2	3	2	1	0	2
11	1	1	1	0	0	1	2	1	1	1	****	1	2	1	1	1	2	-	-	2	3	4	3	3	2
12	2	****	1	2	2	2	3	3	2	1	1	2	2	2	2	2	2	2	****	3	4	4	3	3	2
13	****	****	****	****	****	****	4	4	3	2	****	1	1	2	2	2	2	2	2	3	5	5	4	4	3
14	5	5	5	5	****	5	****	****	5	3	3	3	3	4	4	5	4	6	5	4	4	4	****	****	4
15	****	****	****	****	****	****	7	6	1	5	****	****	4	4	4	4	4	4	4	4	5	5	6	6	5
16	5	4	4	3	3	4	5	5	2	2	2	1	2	3	3	3	3	3	4	4	5	6	8	7	4
17	7	8	7	4	3	3	2	3	3	3	2	3	3	3	2	2	2	3	3	4	3	3	3	2	3
18	1	1	1	1	****	1	2	2	2	2	****	3	3	4	3	5	5	4	4	4	5	6	6	4	3
19	3	3	3	2	2	3	4	5	4	4	3	3	3	3	2	3	3	2	3	3	4	4	5	5	3
20	4	4	4	3	3	4	3	3	4	3	4	4	3	3	3	3	3	3	3	3	3	4	7	3	4
21	3	3	3	2	3	4	7	8	7	6	6	5	3	4	5	5	4	3	4	5	7	6	6	5	5
22	2	4	4	2	3	4	4	5	5	4	2	2	2	2	1	1	-	1	1	1	2	1	2	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	2	1
24	2	2	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	3	2
25	2	2	2	1	2	2	3	3	3	2	1	1	2	1	1	2	-	2	2	3	4	4	4	4	2
26	4	4	5	4	4	4	5	7	4	4	3	3	4	4	****	4	4	4	5	7	8	4	3	2	4
27	2	3	3	3	2	3	4	4	5	5	4	3	3	4	4	5	3	4	4	5	3	3	4	4	4
28	3	3	2	1	1	3	4	4	6	7	7	2	2	2	2	3	3	3	3	5	5	4	4	4	3
29	5	4	4	3	2	3	3	3	3	2	****	3	2	2	3	4	4	3	3	4	5	4	5	-	3
30	3	2	2	1	2	2	2	2	1	2	2	3	3	2	2	-	2	3	3	4	4	3	4	2	2
MEAN	3	3	3	2	2	3	4	4	3	3	3	2	3	3	3	3	3	3	3	4	4	5	4	4	3.3

PERCENTAGE OF OATA VALIO - 84.7 PERCENTAGE OF OATA INVALIO - 13.9 PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	2	2	2	1	2	2	3	3	3	2	1	2	2	2	2	4	3	3	4	2
2	2	3	4	4	3	3	2	1	1	1	1	0	1	0	0	1	0	0	1	2	3	2	2	2	2
3	1	1	1	1	1	2	2	3	2	2	****	1	1	1	1	1	1	1	1	2	3	4	3	3	2
4	2	2	1	1	2	2	2	3	6	7	2	1	1	****	1	1	1	1	2	2	2	2	3	2	2
5	1	2	1	0	0	1	2	2	2	2	1	****	1	1	1	2	1	1	2	2	4	3	3	2	2
6	2	1	1	2	2	3	4	4	4	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	2
7	3	3	2	3	2	3	5	5	6	4	2	2	2	2	1	2	2	2	2	3	3	4	4	4	3
8	4	4	3	2	1	2	2	2	3	3	2	4	2	1	1	2	2	2	2	3	6	6	4	3	3
9	5	6	5	5	5	4	4	4	2	4	4	5	4	4	4	4	4	4	4	4	6	7	5	3	4
10	1	1	1	1	2	2	3	3	3	3	3	-	3	2	3	3	3	4	4	4	3	2	4	3	3
11	3	1	1	1	1	2	3	4	4	7	5	5	5	5	5	7	3	4	3	3	4	3	5	5	4
12	5	5	4	4	3	3	4	6	5	2	2	4	4	3	3	4	3	3	3	2	3	3	3	2	3
13	2	6	4	3	3	4	5	6	4	3	3	3	3	2	2	3	2	2	3	4	4	5	5	5	4
14	4	6	5	5	4	3	4	2	2	2	3	3	3	3	3	3	3	2	2	2	3	2	2	1	3
15	2	2	3	2	1	1	1	1	2	3	2	2	2	1	2	2	2	2	3	5	6	4	3	3	2
16	4	3	3	3	3	2	3	4	3	2	4	5	4	3	0	4	2	1	1	1	2	1	1	1	3
17	1	1	0	0	1	1	1	-	1	1	1	1	1	1	1	2	2	4	2	2	1	2	1	2	1
18	1	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2	2	2	3	4	3	3	2	2
19	1	1	1	1	2	2	2	3	2	2	2	3	2	2	2	2	3	2	2	2	3	4	4	5	2
20	5	4	2	2	2	2	4	6	2	5	5	5	4	3	3	3	3	4	5	6	5	5	6	7	4
21	****	8	7	7	6	6	6	5	3	3	2	3	3	3	3	4	4	4	4	4	5	5	9	10	5
22	9	8	5	3	3	4	-	4	3	4	4	3	3	3	4	4	4	3	3	4	5	5	9	10	5
23	****	6	5	5	6	5	8	11	14	13	8	6	5	4	2	4	4	3	4	4	2	3	2	3	6
24	4	4	3	2	3	3	4	4	4	4	4	4	3	3	2	3	4	3	3	3	3	3	3	2	3
25	2	1	1	1	1	2	2	2	3	2	2	****	2	4	4	4	4	3	3	4	3	3	3	3	3
26	2	2	2	2	2	2	3	3	3	3	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2
27	1	1	1	1	1	2	2	2	2	4	6	3	2	-	1	2	2	2	2	3	5	5	3	3	2
28	3	3	2	3	3	4	4	4	3	2	2	2	3	2	1	1	1	1	1	1	2	2	2	3	2
29	3	2	2	1	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	3	4	6	5	3	2
30	2	1	1	1	1	2	2	4	4	3	1	-	3	2	2	3	4	3	3	3	3	3	4	3	3
31	2	2	****	2	3	3	6	6	6	5	4	4	4	5	5	5	4	4	5	6	4	4	5	5	4
MEAN	3	3	2	2	2	3	3	4	3	3	3	3	3	2	2	3	3	2	3	3	4	4	4	4	2.9

PERCENTAGE OF OATA VALID - 98.4 PERCENTAGE OF OATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	****	****	1	1	2	4	5	3	3	3	3	2	1	2	2	3	3	3	3	3	3	3	3	3
2	2	2	****	1	****	2	4	3	2	3	3	3	2	2	2	2	2	2	2	4	3	4	4	4	3
3	4	4	4	4	4	4	5	4	4	6	4	3	3	4	5	5	5	3	2	4	5	6	7	7	4
4	6	5	6	4	3	3	4	4	4	4	4	3	3	4	3	2	3	3	4	8	7	6	6	6	4
5	6	5	4	3	3	3	3	2	2	2	2	2	2	3	2	1	1	2	2	2	3	4	4	3	3
6	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	4	4	2
7	4	3	3	3	4	3	3	3	1	3	3	3	****	3	****	3	****	4	4	****	2	****	****	****	3
8	****	****	****	****	****	****	****	****	4	3	2	2	3	4	****	****	****	2	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	2	2	1	1	****	****	2	2	2	****	2	2	****	3	3	******
10	****	2	****	****	****	****	****	****	3	4	3	1	****	1	2	2	2	3	3	3	4	4	4	3	3
11	3	2	2	1	1	1	2	2	2	1	1	1	2	2	2	2	3	3	4	2	2	3	3	3	2
12	3	3	3	2	2	2	2	2	1	1	1	1	1	2	3	1	1	1	2	3	3	4	5	5	2
13	4	6	5	4	4	4	6	8	7	2	3	2	5	2	3	3	3	3	3	2	2	****	2	1	4
14	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	2	2	3	3	3	3	2
16	3	2	2	2	2	2	3	2	3	2	2	2	2	2	3	5	5	5	6	8	8	7	7	5	4
17	5	4	4	4	3	3	4	6	7	5	5	5	5	4	4	5	5	4	5	4	3	4	5	4	4
18	5	3	3	1	2	2	3	3	4	4	4	4	4	4	5	6	6	6	6	5	6	5	6	6	4
19	5	4	4	4	3	2	2	1	1	1	1	1	2	3	2	2	2	2	4	6	7	8	4	4	3
20	3	3	3	3	2	3	3	3	4	1	6	3	3	2	2	3	3	4	4	4	4	4	4	4	3
21	4	4	4	4	4	4	3	3	3	8	9	5	3	2	2	3	3	3	3	5	4	4	4	4	4
22	3	2	2	2	2	2	2	2	1	1	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	3	3	3	3	4	4	4	4	4	4	3	****	5	5	6	6	5	5	4	4	4	5	4
24	1	1	1	1	1	2	2	3	3	3	2	2	3	2	3	3	3	4	4	4	3	3	3	2	2
25	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	2	3	3	2	2	3	3	2
26	3	2	2	2	2	2	1	1	1	2	3	2	2	1	1	1	1	1	2	2	2	4	4	4	2
27	4	3	2	****	1	2	3	4	5	5	3	2	2	2	****	3	3	3	3	3	3	3	3	3	3
28	4	4	5	4	4	4	3	4	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	2	3	4	4	3	3	4	3	3	3	3	3	4	4	3	4	5	4	4	4	3
30	4	3	2	3	3	3	4	3	3	3	1	3	3	3	1	2	2	1	2	3	3	3	3	3	3
31	2	2	2	1	1	2	2	2	1	2	2	1	1	2	2	2	2	3	2	2	2	3	3	3	2
MEAN	3	3	3	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	4	3	4	4	4	2.9

PERCENTAGE OF OATA VALIO - 92.7 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	3	3	2	3	3	3	3	2	3	2	2	2	2	2	2	2	2	3	3	2	2	2
2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	2	2	2	2	1
3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
4	1	1	1	1	1	1	2	2	2	1	1	2	3	2	2	2	3	3	3	3	3	3	3	3	2
5	3	3	4	3	3	3	3	3	2	2	2	2	2	2	3	4	4	3	3	4	6	4	6	6	3
6	5	4	4	3	3	2	3	3	3	3	3	3	2	5	2	2	3	2	3	2	2	3	2	2	3
7	2	2	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
8	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	3	4	3	3	3	3	2
9	3	3	2	2	2	2	2	2	2	2	1	2	2	2	1	1	1	2	2	2	2	2	3	4	2
10	3	3	4	4	3	3	4	4	3	2	****	****	4	4	4	4	4	3	2	2	2	2	2	2	3
11	2	2	2	2	2	2	2	2	3	1	1	3	3	2	2	-	3	4	5	5	4	4	4	4	3
12	4	3	2	1	1	2	3	2	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2
13	2	3	2	2	2	4	5	4	4	4	4	3	4	4	4	4	4	3	3	3	2	3	1	1	3
14	1	1	1	2	1	2	4	4	3	2	2	2	0	2	1	1	2	2	2	2	2	1	1	1	2
15	1	1	1	1	0	1	1	1	1	0	0	0	1	0	1	1	1	1	2	2	2	2	2	3	1
16	3	3	2	2	1	1	1	1	1	2	1	1	1	1	1	1	2	2	3	3	3	3	3	2	2
17	2	2	2	1	2	3	3	4	3	3	2	2	2	2	2	3	2	2	3	3	3	3	3	2	2
18	2	2	1	1	1	3	3	3	3	3	3	3	3	2	2	2	2	2	1	****	1	1	1	0	2
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	2	1
20	2	2	2	2	2	2	3	3	3	2	2	1	1	1	2	2	3	3	4	4	4	4	4	4	3
21	3	3	2	2	2	2	3	3	3	3	3	2	2	2	2	1	2	2	2	2	****	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	2	1	1	2	2	1
23	2	1	1	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	3	3	1
24	2	2	2	2	2	2	2	3	2	1	****	2	3	3	4	3	3	3	4	4	4	4	5	4	3
25	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	6	3	4	6	4	7	7	5	5
26	5	4	3	2	1	3	4	4	5	4	3	4	5	4	3	4	5	5	7	7	5	6	6	5	4
27	5	5	4	5	4	4	5	7	8	7	6	7	5	5	5	5	5	5	6	7	8	7	7	6	6
28	5	4	5	4	5	5	5	5	2	0	****	****	4	4	5	5	5	5	6	5	5	5	6	6	5
29	5	5	5	5	4	4	5	6	6	4	3	2	2	2	2	3	3	3	3	4	4	4	5	4	4
30	5	4	4	4	4	3	4	4	4	3	3	3	3	3	3	3	4	4	5	6	6	4	3	2	4
MEAN	3	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	2	3	4	4	3	1	5	4	4	4	4	3	3	4	4	4	4	4	4	3
2	4	3	2	1	1	2	3	4	****	****	****	****	2	2	2	3	3	3	2	2	3	2	1	1	2
3	1	1	1	1	1	1	2	2	3	2	2	2	3	4	4	4	3	4	2	3	3	3	3	3	2
4	1	1	1	2	2	3	3	4	3	3	4	4	4	4	3	3	4	3	3	3	3	3	3	4	3
5	3	2	2	2	1	2	2	3	3	3	3	3	3	4	4	2	****	5	4	4	3	3	3	3	3
6	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	2	3	3	3	3	2	3	3	2
7	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
8	2	-	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
9	2	2	2	2	2	2	2	2	2	2	-	****	0	0	0	1	1	1	2	2	2	2	2	2	2
10	2	2	-	2	2	****	3	4	5	2	1	1	0	0	1	1	1	2	2	2	2	2	2	2	2
11	2	2	1	1	1	1	2	2	3	4	2	2	1	0	****	1	2	1	2	2	2	0	1	0	2
12	0	0	0	****	****	0	1	1	1	1	1	****	1	1	3	3	3	3	3	3	2	3	2	2	2
13	2	2	1	1	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2
14	3	3	3	2	2	2	2	2	1	2	1	1	1	1	1	2	1	2	3	3	3	3	3	3	2
15	2	2	3	2	2	3	4	-	4	****	1	4	4	4	3	2	3	5	4	3	3	3	3	3	3
16	3	2	1	1	1	2	3	3	2	2	1	-	1	2	2	2	2	3	3	3	3	3	3	3	2
17	3	4	4	4	4	4	4	-	-	4	5	6	7	8	8	8	7	8	8	7	7	6	7	8	6
18	5	3	2	1	1	2	3	3	2	****	1	2	2	2	2	3	3	4	4	4	4	4	4	4	3
19	4	3	3	2	2	2	3	3	3	3	3	3	4	5	5	7	-	6	5	4	4	5	6	5	4
20	5	4	3	3	4	4	4	4	4	4	3	3	3	3	4	5	5	4	3	5	4	3	4	3	4
21	3	2	2	2	2	3	3	2	2	2	3	3	3	3	3	2	3	3	4	4	5	4	5	5	3
22	4	4	4	4	4	4	4	3	3	3	2	3	4	5	5	6	6	6	6	6	5	4	5	4	4
23	4	2	1	2	2	2	3	4	4	3	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2
24	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	1	2	1	2	-	1	1	2
25	1	1	1	1	1	1	3	3	2	1	1	1	1	1	3	2	3	3	3	2	2	3	2	2	2
26	2	1	1	1	1	2	3	4	3	3	3	2	2	-	2	2	3	2	2	2	2	2	2	2	2
27	2	1	1	1	1	2	3	3	2	2	2	2	1	2	2	3	3	3	3	2	2	2	3	2	2
28	2	3	2	2	2	3	3	3	2	2	1	1	1	-	2	2	2	3	2	2	2	2	2	1	2
29	1	1	1	1	1	1	1	3	3	2	2	****	3	2	3	3	3	3	3	3	2	2	3	3	2
30	3	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
31	2	2	1	1	1	2	2	3	2	2	2	1	****	2	2	3	3	4	3	3	4	5	4	4	3
MEAN	3	2	2	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	4	4	3	2	3	3	4	4	4	5	S	S	S	S	6	6	S	7	7	4	3	2	1	2	4
2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	3	3	4	4	4	4	3	3	3	3
3	3	3	3	3	3	2	2	2	2	3	3	2	2	3	2	3	4	4	3	3	3	3	2	-	3
4	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	2
S	4	4	3	3	3	4	4	4	2	****	2	2	2	2	3	3	4	3	3	3	3	3	3	3	3
6	3	4	4	4	3	2	2	2	3	4	4	3	3	3	3	4	4	3	3	3	3	3	3	3	3
7	2	2	1	1	1	0	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	1
8	2	2	2	2	1	-	****	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
9	2	2	2	2	3	3	3	3	3	3	****	3	2	2	2	3	2	2	2	-	-	2	2	2	2
10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
11	2	2	-	1	2	2	1	1	2	1	1	2	-	2	1	1	1	2	2	2	3	2	2	2	2
12	2	1	1	-	1	1	1	2	2	2	2	1	3	3	3	3	3	3	3	3	4	4	4	3	2
13	3	3	3	2	2	2	2	2	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	2
14	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
15	3	3	3	3	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
16	1	1	1	1	1	1	1	3	3	****	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
17	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	S	4	5	3
18	5	4	3	4	4	S	4	4	5	S	3	2	3	2	3	2	3	3	3	3	3	3	2	2	3
19	2	1	1	1	1	1	1	2	2	2	1	1	****	2	3	3	3	3	3	4	3	3	4	4	2
20	3	3	3	4	3	4	4	4	4	3	3	2	2	2	2	3	3	3	3	3	2	2	2	2	3
21	1	1	1	1	1	2	2	3	3	3	2	****	****	3	3	3	3	-	3	3	2	3	3	3	2
22	3	3	3	4	3	3	4	5	5	S	5	S	S	5	5	5	4	5	5	4	4	4	4	4	4
23	4	3	3	2	3	4	4	S	4	S	S	S	4	S	S	S	6	6	S	6	6	5	S	6	S
24	6	4	4	2	1	1	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	****	3	4	3
2S	3	4	4	S	S	4	3	4	3	3	2	3	3	2	2	2	2	3	2	2	2	2	2	2	3
26	2	2	2	2	2	2	4	4	4	3	4	2	4	4	3	4	4	3	3	2	2	3	3	3	3
27	2	2	2	2	2	2	3	4	4	3	3	3	3	3	4	4	4	5	5	5	4	S	S	4	3
28	4	4	4	3	3	3	3	3	3	****	****	****	****	****	****	****	3	4	3	4	4	3	3	3	3
29	3	3	2	2	2	2	3	3	3	3	2	2	1	2	2	2	-	****	3	3	3	3	3	3	3
30	3	3	3	2	3	2	3	3	4	3	3	2	2	3	3	3	3	4	4	4	4	4	3	3	3
MEAN	3	3	2	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF DATA VALIO - 96.S PERCENTAGE OF OATA INVALIO - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OEC 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	3	2	3	3	3	4	4	4	****	4	3	3	3	3	3	2	2	3
2	2	2	2	2	2	3	2	2	1	2	2	1	2	1	2	2	3	4	4	4	4	4	4	4	3
3	4	3	3	2	2	2	3	3	3	3	1	1	3	3	3	3	****	3	3	4	4	3	3	3	3
4	3	3	3	2	3	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	4	3
5	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4	S	4	6	5	4	3	5	4	4
6	4	3	3	2	2	3	4	4	4	3	4	3	3	3	3	3	3	3	3	3	2	2	2	3	3
7	3	3	3	2	2	3	3	3	2	****	2	2	2	3	3	3	3	3	3	3	3	3	2	2	3
8	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	3	****	2	2	2	2	3	2
9	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2
10	2	2	2	2	2	3	3	3	3	4	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
11	2	2	2	2	2	3	3	3	3	3	2	3	3	3	3	3	4	4	4	3	3	3	3	2	3
12	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	2	3	3	2	1	2
14	1	1	1	2	2	2	2	2	1	****	1	1	1	****	2	2	2	2	2	3	2	2	2	2	2
1S	2	3	2	3	3	3	3	2	2	1	2	2	2	2	2	2	3	3	3	3	4	4	3	3	3
16	4	3	3	3	3	2	3	2	2	2	3	2	2	3	3	2	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	1	2	3	4	4	4	****	****	2	****	2	2	2	2	2	2	2	2	1	2
18	1	1	1	1	2	2	2	2	2	2	3	3	3	2	4	4	4	4	3	3	3	2	2	1	2
19	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1	2	3	3	2	3	3	3	3	3	2
20	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	5	4	5	5	3	2	3
21	3	2	2	2	2	2	2	3	4	3	3	3	2	3	3	4	3	4	4	4	4	4	4	4	3
22	3	3	3	2	3	3	2	3	3	3	3	3	4	4	4	3	4	4	4	4	4	4	4	4	3
23	4	4	4	4	4	4	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	4	3	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
26	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	2	1	1	2	2	1	2	2	1	1
27	1	1	1	0	0	1	1	2	1	2	****	2	1	1	2	3	3	3	3	2	2	2	2	2	2
28	1	2	1	1	1	1	2	3	3	3	1	1	2	2	2	2	3	2	2	2	3	2	2	2	2
29	2	2	2	2	2	3	2	2	3	2	2	1	1	1	2	2	2	3	2	2	2	2	2	2	2
30	2	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2
31	2	2	1	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	3	-	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2.4

PERCENTAGE OF OATA VALIO - 98.S PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.7	5	9
FEB	28	3.0	9	14
MAR	30	3.9	9	14
APR	30	2.8	6	11
MAY	31	3.2	6	16
JUN	26	3.3	5	10
JUL	31	2.9	6	14
AUG	29	2.9	4	9
SEP	30	2.6	6	8
OCT	31	2.5	6	8
NOV	30	2.7	5	7
DEC	31	2.4	4	6
YEAR	358	2.9	9	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	181	332	194	14	0	0	0	721
FEB	152	266	189	39	5	1	0	652
MAR	88	228	327	56	8	1	0	708
APR	202	304	155	40	1	0	0	702
MAY	127	344	212	40	5	1	0	729
JUN	93	273	209	35	0	0	0	610
JUL	147	372	194	16	2	1	0	732
AUG	109	379	187	15	0	0	0	690
SEP	188	351	160	12	0	0	0	711
OCT	141	446	119	12	0	0	0	718
NOV	74	474	145	2	0	0	0	695
DEC	138	517	78	0	0	0	0	733
YEAR	1640	4286	2169	281	21	4	0	8401

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.9	0	0.4	1.4	2.1	3.0	4.6	5.6	6.8	7.8	16	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2
2	3	3	3	3	3	4	4	3	4	3	3	3	3	3	4	4	3	4	3	3	-	-	-	2	3
3	1	1	1	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
4	2	2	3	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	2	2	3	3
5	2	2	1	1	2	2	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	****	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	5	4	5	4	4	3	3	3	3
8	4	4	4	3	4	4	3	4	4	4	4	4	3	****	1	2	4	4	3	4	3	3	3	3	3
9	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10	4	4	4	3	3	3	3	3	4	4	3	4	4	****	2	4	4	4	4	4	4	4	****	4	4
11	3	3	4	3	4	5	7	9	8	7	5	4	4	3	4	3	4	4	-	-	-	4	4	5	5
12	5	4	5	4	4	4	5	4	6	5	4	5	4	3	4	4	5	5	-	-	5	4	-	6	5
13	5	4	4	4	3	2	4	3	4	-	4	4	3	4	4	4	4	4	3	3	3	3	3	3	4
14	3	3	3	3	3	2	3	3	3	2	1	1	2	2	2	2	2	2	2	3	3	2	3	2	2
15	2	1	1	1	2	2	3	4	3	4	4	3	3	4	4	4	4	4	4	4	4	3	3	3	3
16	3	3	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	5	5	6	5	5	3	3	4	4	4	3	3	3	3	3	4	4	4	4	5	4	3	4	4	4
18	3	3	3	3	3	3	4	4	4	4	-	-	4	5	4	4	5	4	4	4	4	4	4	4	4
19	4	4	4	4	4	4	4	5	4	4	5	6	-	4	4	4	4	4	4	4	4	3	3	3	4
20	3	3	3	3	3	4	4	3	4	4	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3
21	3	3	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	3	3	4	3	3	3	3	3
22	3	3	4	3	2	-	3	3	4	4	4	4	4	4	4	4	-	****	4	3	4	4	4	4	4
23	4	3	4	3	3	3	3	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4	4	4
24	4	4	3	3	3	3	4	4	-	-	4	3	2	6	6	6	5	5	5	3	2	2	2	2	4
25	2	2	2	3	4	3	4	4	4	4	5	4	5	5	5	3	5	4	4	4	4	4	3	4	4
26	4	3	4	4	3	4	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4
27	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4
28	3	3	3	3	2	3	3	4	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4	4	4
29	4	4	4	4	4	4	4	5	6	5	5	5	4	5	6	4	5	5	5	4	3	3	3	3	4
30	3	3	3	3	3	2	4	8	4	4	3	3	3	3	3	5	4	-	3	3	3	2	3	3	3
31	3	2	3	3	3	2	3	4	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	2	3
MEAN	3	3	3	3	3	3	4	4	4	4	4	3	3	4	4	4	4	4	4	4	3	3	3	3	3.4

PERCENTAGE OF OATA VALID - 96.9 PERCENTAGE OF OATA INVALID - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 2.4

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	2	3	2	3	3	3	3	4	4	3	3	4	4	3	3	3	3	3	3	3	3
2	3	4	3	3	3	3	4	4	4	4	3	3	3	3	3	3	4	4	3	4	3	4	4	3	3
3	4	4	4	4	4	4	4	4	3	3	4	3	4	4	4	4	4	4	4	5	4	4	4	3	4
4	4	4	3	4	4	3	3	3	3	3	2	3	3	2	2	3	3	3	3	3	2	2	2	2	3
5	1	2	1	1	2	2	2	3	3	3	3	3	3	3	1	3	-	3	3	3	3	2	2	3	2
6	3	3	3	3	3	4	3	3	4	3	****	****	****	****	****	****	****	****	4	4	3	3	4	4	3
7	3	3	3	3	4	4	4	5	4	4	4	4	4	4	5	4	4	4	3	4	4	4	4	4	4
8	4	4	4	2	2	2	3	4	****	4	4	3	3	3	3	2	4	3	3	3	3	3	3	3	3
9	4	4	3	3	3	3	4	4	4	4	2	3	5	4	4	4	4	4	4	4	4	4	3	4	4
10	4	4	4	3	3	3	4	3	4	6	4	4	4	3	3	3	3	3	3	4	4	3	3	2	4
11	4	4	4	4	4	3	4	3	3	4	4	3	3	3	4	3	5	5	4	5	6	6	6	6	4
12	6	6	6	5	7	8	9	7	6	6	7	6	5	4	4	5	6	7	5	6	4	3	3	3	6
13	3	3	3	2	4	4	4	4	4	5	4	4	5	4	4	5	4	4	****	4	3	4	4	4	4
14	4	3	3	3	4	3	3	4	4	4	4	4	5	****	4	5	4	3	3	3	3	4	4	4	4
15	3	4	3	3	3	3	4	4	5	5	5	4	5	5	5	4	4	4	-	3	3	4	4	4	4
16	7	7	7	6	6	6	6	5	4	5	5	4	4	4	****	5	-	5	-	4	4	5	5	4	5
17	-	5	4	4	4	5	4	4	4	4	5	4	4	-	4	4	4	5	5	5	4	4	4	4	4
18	4	4	5	4	5	4	5	2	2	2	2	3	3	2	2	2	2	2	3	2	-	2	3	****	3
19	****	2	****	1	2	4	4	5	6	6	5	5	5	4	2	5	6	6	6	6	6	6	6	6	5
20	6	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	8	7	7	6	6	6
21	5	5	5	5	5	6	7	7	6	6	5	6	5	5	4	4	4	4	4	4	5	4	4	3	5
22	3	3	2	2	2	2	3	4	5	5	4	4	1	5	5	5	5	6	5	4	4	4	4	4	4
23	3	3	3	2	3	3	5	5	9	7	6	7	8	8	7	7	7	6	6	5	5	4	4	4	5
24	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	4	4	3	3	3	3	4
25	3	3	2	2	2	2	2	2	2	2	3	2	3	4	4	3	3	3	4	4	3	3	3	2	3
26	2	1	1	2	2	1	3	4	5	4	4	4	4	4	4	5	4	****	4	4	3	3	3	3	3
27	3	3	3	3	4	3	4	4	4	5	4	4	****	4	5	4	5	5	5	5	5	5	5	5	4
28	5	5	6	5	5	4	4	5	6	8	10	7	6	7	7	9	9	9	9	9	9	9	11	9	7
MEAN	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	4.0

PERCENTAGE OF OATA VALIO - 96.4 PERCENTAGE OF OATA INVALIO - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	6	****	3	4	5	5	5	4	4	4	4	5	4	5	6	6	6	5	4	4	5	5	5
2	5	5	4	3	3	3	4	5	5	5	5	6	5	5	5	6	5	-	****	4	4	4	4	4	5
3	4	4	4	2	3	3	3	4	4	4	4	3	4	4	5	4	5	5	4	6	7	6	6	5	4
4	4	4	3	3	2	2	2	3	4	4	4	3	4	7	7	6	5	5	5	6	6	6	5	7	4
5	5	4	3	3	3	3	3	4	4	5	4	4	3	5	4	4	5	5	4	4	4	4	4	4	4
6	3	2	1	2	2	3	3	3	4	4	3	4	3	3	4	4	4	3	4	4	4	4	3	4	3
7	-	****	4	3	3	3	3	5	5	3	3	4	5	5	6	6	7	6	5	6	5	4	5	5	5
8	6	6	6	5	5	5	4	5	5	6	4	2	4	4	5	5	5	5	5	5	5	4	5	4	5
9	5	5	4	3	4	4	4	6	6	7	7	1	****	5	7	6	6	6	6	6	4	4	5	5	5
10	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	3
11	2	2	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
12	2	1	1	2	2	2	3	4	4	3	3	3	3	****	3	3	3	3	3	3	4	4	-	4	3
13	3	2	2	2	1	2	3	4	4	3	4	4	2	5	5	6	7	7	6	6	5	5	4	5	4
14	4	3	3	2	2	3	4	5	5	5	4	4	4	4	3	4	4	4	3	4	4	3	4	3	4
15	3	3	3	2	2	2	3	4	4	4	3	3	3	3	3	4	3	3	3	3	4	4	4	4	3
16	4	4	4	3	3	-	3	4	4	4	4	****	****	5	6	6	6	6	7	7	5	5	4	4	5
17	4	4	4	4	5	5	5	5	5	5	5	6	6	6	7	7	6	6	6	5	4	4	4	5	5
18	5	5	5	5	5	5	5	5	6	4	5	4	5	6	7	7	6	6	6	8	7	3	3	3	5
19	3	2	****	4	5	5	5	5	5	4	4	4	4	5	5	5	5	6	6	6	6	6	6	7	5
20	7	6	7	7	6	6	5	7	11	12	10	8	10	9	9	7	6	-	****	6	6	****	5	5	7
21	5	5	5	5	5	5	5	4	6	6	4	4	4	5	5	6	6	5	5	6	5	5	6	6	5
22	8	7	6	5	6	6	5	5	6	8	10	11	11	10	7	10	11	10	8	8	7	7	7	6	8
23	6	3	3	3	2	3	6	5	5	5	5	6	7	9	9	9	10	11	9	8	7	4	4	6	6
24	6	6	3	2	2	2	3	4	3	4	4	5	5	6	6	6	5	5	5	5	5	4	4	3	4
25	3	3	2	1	2	1	2	2	1	1	2	2	2	2	2	2	2	3	3	3	3	4	6	4	2
26	4	4	2	2	3	5	4	4	5	4	4	4	4	2	3	2	3	3	3	2	3	3	2	2	3
27	3	2	2	2	3	2	3	3	3	3	3	2	2	2	2	3	3	3	3	4	5	5	5	4	3
28	5	5	5	5	6	9	10	8	7	6	7	6	6	4	4	5	4	3	3	3	3	3	4	4	5
29	4	3	3	3	2	3	3	3	3	4	5	5	4	3	3	3	3	3	3	2	3	3	4	4	3
30	4	3	2	2	1	2	3	3	-	3	4	4	4	****	3	4	4	4	6	5	4	4	4	5	4
31	4	4	5	4	3	3	4	4	4	4	2	2	2	2	2	2	3	2	2	3	3	3	2	2	3
MEAN	4	4	4	3	3	4	4	4	5	4	4	4	4	5	5	5	5	5	5	5	5	4	4	4	4.3

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2
2	1	1	1	1	1	1	2	2	3	2	****	****	****	****	****	****	****	****	****	****	****	-	-	-	******
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	3	3	3	3	3	3	2	2	******
MEAN	2	2	2	1	1	1	2	2	2	2	1	1	2	2	4	3	3	3	3	3	3	3	2	2	1.9

PERCENTAGE OF DATA VALID - 6.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 92.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.,TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	2	2	2	****	****	3	2	3	3	3	2	2	3	3	3	3	3	2
2	3	3	3	3	4	4	5	4	5	4	4	4	3	2	4	4	5	5	4	3	3	3	3	3	4
3	3	2	2	1	1	3	4	4	4	4	4	4	4	5	5	5	5	4	5	3	2	2	2	2	3
4	1	1	1	1	2	2	3	3	4	4	3	4	4	4	4	4	-	3	2	2	3	2	2	2	3
5	2	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3	4	4	3	4	2	2	2	3	2
6	3	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	2	3	4	4	4	4	4	3	4	4	4	4	5	4	3	3	2	2	2	2	3
8	2	2	2	2	3	4	5	7	7	7	8	7	7	6	8	9	9	10	9	8	7	8	7	7	6
9	5	5	4	5	7	8	10	8	7	6	7	7	6	7	6	7	6	5	5	5	5	5	4	4	6
10	5	4	3	3	4	4	7	8	8	8	7	8	8	9	9	7	7	6	8	5	5	5	6	5	6
11	5	5	3	2	4	6	6	6	7	6	6	7	8	6	7	7	5	5	4	3	3	6	7	8	6
12	7	4	5	6	5	4	5	5	6	4	5	5	6	5	2	2	2	2	2	2	2	2	2	2	4
13	2	2	2	1	1	1	1	1	1	1	1	3	3	2	4	3	3	2	2	4	4	4	3	4	2
14	4	4	2	1	2	4	5	4	4	3	4	3	1	5	6	6	6	4	6	6	6	6	6	5	4
15	4	5	5	4	4	5	5	4	6	4	5	5	5	6	7	7	7	6	5	6	5	4	5	4	5
16	4	2	2	2	2	3	4	4	4	4	3	4	3	3	3	3	3	3	3	4	4	4	4	4	3
17	-	4	3	****	3	3	5	6	6	5	5	5	5	5	6	6	6	5	5	5	5	4	4	4	5
18	4	4	4	4	4	4	5	5	5	6	5	5	7	8	5	9	9	7	6	4	4	6	7	4	5
19	3	3	4	3	5	5	5	4	3	3	4	4	5	4	4	5	4	3	4	4	3	4	4	4	4
20	4	3	4	3	3	3	4	4	3	3	3	4	4	5	4	5	5	5	3	4	6	8	7	7	4
21	****	2	4	5	6	5	2	2	2	3	4	4	3	2	1	1	1	1	2	2	2	2	3	3	3
22	3	3	3	2	2	3	4	5	5	5	4	4	2	4	4	4	4	4	3	3	3	4	****	4	4
23	2	3	2	3	4	4	5	5	5	5	5	5	6	6	6	6	7	6	6	6	5	4	5	5	5
24	5	6	4	3	3	4	5	5	4	4	2	3	4	4	4	4	4	4	3	3	3	4	4	2	4
25	1	1	1	1	-	****	4	3	3	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3
26	2	2	1	2	1	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	3	3	3
27	3	2	2	2	2	2	3	2	2	2	2	3	4	4	3	5	4	3	3	4	4	4	4	4	3
28	2	4	4	4	3	3	3	4	5	5	4	4	4	5	5	6	5	5	6	5	5	4	5	4	4
29	4	3	3	3	4	4	5	6	4	4	5	6	4	4	4	4	5	5	5	4	5	4	4	4	4
30	4	3	3	3	4	4	5	6	5	6	6	6	7	7	6	5	5	6	6	8	9	9	7	7	6
31	5	4	3	3	6	7	14	15	9	10	10	7	4	6	8	7	6	5	7	5	6	6	7	7	7
MEAN	3	3	3	3	3	4	5	5	4	4	4	5	4	5	5	5	5	4	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.,TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	6	5	3	5	6	5	6	4	5	****	-	-	5	5	6	5	5	5	5	5	5	6	5
2	4	3	2	3	5	2	3	2	2	2	2	1	2	3	3	3	5	6	3	3	4	4	4	4	3
3	3	3	3	3	3	4	3	3	3	3	4	4	3	3	3	3	3	3	4	7	7	7	6	6	4
4	5	5	5	4	3	6	6	7	6	6	6	5	5	5	6	6	5	6	4	6	7	6	5	6	5
5	3	2	4	4	4	6	5	4	3	4	4	-	5	1	3	3	3	2	2	2	2	2	2	3	3
6	2	2	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	2	2	2	2
7	1	1	1	1	2	3	4	5	5	5	6	6	6	6	8	8	7	5	6	6	7	8	8	7	5
8	6	4	4	4	4	5	5	5	5	4	4	2	5	4	4	5	6	6	6	6	6	6	5	4	5
9	3	4	2	3	4	4	5	4	5	4	4	3	3	3	4	3	2	3	3	3	2	3	4	4	3
10	4	3	1	1	1	2	3	2	3	3	3	3	2	2	1	1	1	1	1	2	4	3	1	1	2
11	2	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	-	-	2	2	2	2	2	2
12	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	3	2	2	****	2	3	3	3	2	2
13	2	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	2	2	2	3	4	4	4	3
14	4	4	4	4	****	4	****	****	3	3	2	4	5	6	6	6	6	6	6	5	5	7	8	7	5
15	5	5	4	4	5	6	5	5	5	6	****	****	6	6	5	6	5	4	6	8	9	9	8	7	6
16	7	5	4	4	5	6	6	6	6	5	3	2	4	3	3	3	3	3	3	7	8	8	7	7	5
17	6	6	4	3	3	3	3	2	4	4	4	3	3	3	2	2	2	4	4	4	3	2	2	2	3
18	1	1	1	1	0	1	2	3	3	2	****	2	2	-	4	-	-	-	5	5	5	6	6	3	3
19	3	2	2	2	2	2	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3
20	4	4	3	3	4	4	5	5	4	5	3	5	5	5	5	5	5	4	3	3	3	3	4	4	4
21	4	3	3	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	3	3	3	2	3	3	3	2	3	3	3	3	3	3	2	2	-	1	1	1	1	1	1	1	2
23	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	2	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
25	2	1	1	2	2	2	2	2	3	3	4	3	2	2	2	2	-	2	2	2	3	3	3	3	2
26	3	3	3	3	2	3	4	4	3	4	4	4	5	3	****	7	5	5	5	5	5	5	5	4	4
27	3	3	4	3	3	5	4	4	4	5	5	6	5	5	5	6	6	5	5	6	6	4	4	4	5
28	5	4	3	3	3	4	5	5	5	6	6	5	5	5	5	6	6	5	5	6	5	5	5	5	5
29	4	4	4	3	3	3	4	4	2	****	****	7	7	5	5	6	4	3	3	4	4	3	4	-	4
30	2	1	1	1	1	1	3	2	2	3	2	3	2	2	2	-	3	3	3	4	4	4	5	2	2
MEAN	3	3	3	2	3	3	4	4	3	4	3	3	4	3	4	4	4	4	4	4	4	4	4	4	3.5

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	2	1	3	3	3	4	3	3	3	3	5	4	4	4	3	3	2	3
2	3	2	3	2	2	2	2	1	1	1	1	0	1	0	0	0	1	1	1	2	2	2	2	2	1
3	1	1	1	1	2	3	3	3	3	2	****	2	2	****	2	3	2	2	2	2	3	3	3	3	2
4	2	2	2	2	2	3	3	3	6	6	5	4	3	2	2	2	2	1	1	2	2	2	3	2	3
5	2	2	1	1	1	2	3	3	3	2	2	****	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	5	7	6	7	6	7	6	4	6	6	6	4	3
10	2	2	2	1	2	5	5	5	4	4	4	-	4	4	5	5	5	4	5	4	4	4	3	3	4
11	3	3	3	3	3	3	4	5	6	7	7	5	5	7	9	8	5	4	4	4	5	4	5	5	5
12	5	5	4	4	4	3	5	5	6	8	8	7	6	5	5	5	5	4	5	6	6	6	6	5	5
13	4	2	2	3	4	4	5	5	6	6	4	4	****	8	8	6	6	5	5	5	7	7	6	6	5
14	6	7	6	5	5	5	5	4	4	4	4	4	4	3	4	4	3	3	3	4	3	3	3	3	4
15	3	4	2	1	1	0	1	1	2	3	3	3	4	2	5	3	3	3	4	6	7	5	4	4	3
16	4	4	3	4	4	4	4	6	7	7	8	7	6	5	5	6	5	3	2	2	2	2	2	2	4
17	1	1	1	1	1	1	2	-	3	3	3	3	3	****	3	3	3	4	4	2	2	2	2	2	2
18	1	1	1	1	1	2	2	3	3	5	5	4	4	4	5	4	4	4	5	5	5	3	3	2	3
19	2	2	1	2	3	2	3	5	4	5	5	5	4	5	6	6	6	6	5	4	4	5	6	6	4
20	7	5	5	4	4	5	6	6	6	7	5	5	4	6	7	7	7	6	5	5	7	7	7	6	6
21	****	7	6	6	5	5	6	4	4	4	3	4	3	4	3	3	4	4	4	5	5	7	8	9	5
22	7	7	4	2	3	3	-	4	3	2	3	3	2	2	2	2	2	2	3	3	4	5	7	8	4
23	****	6	4	4	2	5	7	9	10	9	7	4	5	5	7	7	5	5	5	4	4	4	4	3	5
24	4	3	2	3	3	4	4	4	4	5	5	5	5	6	6	6	5	4	4	3	3	4	4	3	4
25	2	2	1	1	2	2	3	2	3	3	3	3	4	5	5	5	5	5	4	4	4	3	3	3	3
26	2	2	2	1	2	3	3	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	2	2	2	2	3	4	6	7	6	1	-	3	5	5	6	6	7	6	6	6	5	4
28	4	3	3	3	2	4	5	5	4	4	3	4	4	3	3	3	4	3	1	2	2	2	3	3	3
29	3	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3	4	5	6	6	6	7	3	3
30	2	2	2	2	2	2	3	3	4	4	4	5	6	2	6	7	6	6	5	4	5	4	5	4	4
31	2	2	1	2	4	5	5	6	5	4	5	6	5	5	4	5	5	5	5	5	5	4	4	4	4
MEAN	3	3	2	2	2	3	3	3	4	4	4	3	3	4	4	4	4	3	3	3	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	2	2	4	4	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2	3
2	1	1	1	1	1	3	5	4	4	3	3	3	3	2	2	3	3	3	3	4	4	4	4	3	3
3	3	3	3	2	3	3	4	4	5	5	6	5	5	4	5	7	6	7	4	8	8	7	6	6	5
4	4	4	4	3	3	4	4	4	3	3	4	4	3	3	3	3	2	2	4	8	6	5	4	4	4
5	4	4	3	3	3	3	3	2	2	1	1	2	2	2	3	1	1	1	1	1	2	3	2	3	2
6	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	4	4	3	2
7	3	2	2	2	3	3	3	3	3	2	3	3	****	3	4	6	6	7	7	4	1	2	2	2	3
8	1	2	3	3	2	2	3	3	3	4	4	4	2	5	5	4	2	2	2	3	3	3	3	2	3
9	2	3	2	2	2	2	2	2	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3
10	2	2	1	2	1	2	3	3	3	5	4	2	2	2	2	2	3	3	2	2	3	3	3	3	3
11	3	2	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	3	4	4	3	2
13	3	3	3	3	3	3	4	7	5	4	5	4	2	5	5	5	5	5	3	2	2	2	3	3	4
14	3	2	3	1	1	3	3	3	3	3	2	2	1	1	1	2	2	1	-	1	1	1	1	1	2
15	1	1	0	0	0	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	2
16	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	5	5	6	6	7	7	7	4	4
17	4	4	4	3	3	3	4	7	7	7	5	5	6	5	3	5	4	4	4	5	4	4	4	5	5
18	5	4	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	4
19	3	3	3	3	2	2	2	2	2	1	1	1	4	4	4	3	3	5	7	8	8	6	4	3	4
20	4	3	3	2	2	2	3	4	4	8	7	4	4	3	4	5	5	4	4	5	4	4	4	4	4
21	4	4	3	3	3	4	4	4	6	9	7	5	4	4	4	****	4	3	4	4	4	3	4	4	4
22	3	2	2	2	2	2	2	2	2	2	3	3	3	****	5	5	3	2	3	2	2	2	3	3	3
23	3	3	3	3	3	3	5	4	4	4	4	4	4	5	5	5	6	6	6	6	6	5	5	5	4
24	4	2	2	1	2	3	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	3	4	4	4
25	4	3	1	1	2	3	2	2	3	3	3	3	3	3	5	5	5	5	5	6	3	3	3	3	3
26	3	3	3	2	2	2	2	2	3	2	2	2	2	2	2	3	2	3	3	3	3	3	5	4	3
27	4	3	2	3	2	3	5	6	5	6	5	5	4	4	5	6	6	6	6	6	4	4	4	4	5
28	4	3	3	4	3	3	4	4	4	3	4	4	3	5	5	5	6	4	3	3	3	3	4	4	4
29	3	3	2	3	3	4	4	4	4	4	4	3	3	4	4	4	5	6	5	5	5	4	4	4	4
30	4	3	3	3	3	3	3	3	4	4	4	5	5	2	3	2	2	2	2	3	3	3	3	3	3
31	3	2	2	2	2	2	3	4	3	3	3	3	3	3	3	4	3	3	3	4	4	4	3	3	3
MEAN	3	3	2	2	2	3	3	3	3	4	4	3	3	3	4	4	4	4	4	4	4	4	4	3	3.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST,TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	4	3	4	4	5	4	3	3
2	3	2	2	2	1	1	1	2	2	2	2	2	3	3	3	3	2	2	3	3	4	4	4	3	2
3	3	3	2	3	2	1	1	2	1	1	1	3	3	3	3	1	1	1	2	2	2	1	1	1	2
4	1	1	1	1	2	2	2	3	3	2	3	2	2	2	2	3	3	3	3	3	3	3	3	3	2
5	3	3	3	3	3	3	3	3	3	3	3	3	3	4	5	5	5	5	3	3	4	2	6	6	4
6	5	4	3	3	2	2	2	2	3	4	4	3	4	7	2	2	3	2	2	1	2	2	2	2	3
7	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2	2	1	1	1	2
8	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
10	2	1	2	3	2	3	4	3	3	2	3	3	4	4	4	4	4	3	2	1	1	1	1	1	3
11	1	1	1	2	2	2	2	2	3	2	2	3	3	1	****	-	5	5	5	5	4	5	5	4	3
12	4	2	1	1	2	3	3	3	3	3	3	3	3	3	4	3	2	2	2	2	1	2	1	1	2
13	2	3	2	2	3	4	5	6	5	5	5	4	3	6	6	7	7	7	6	5	4	4	4	2	4
14	1	1	1	1	2	2	5	4	3	3	2	3	3	3	2	3	3	3	3	2	2	1	1	1	2
15	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	1	2	2	3	3	3	3	4	4	2
16	4	3	3	2	1	3	3	3	3	4	3	3	3	4	4	4	4	4	5	5	5	5	5	4	4
17	4	3	2	2	3	5	5	5	5	5	4	4	4	5	6	6	6	4	5	6	6	6	6	6	5
18	5	2	3	3	4	4	4	5	5	5	5	4	5	5	6	7	3	2	2	****	2	2	1	1	4
19	1	1	1	2	2	2	3	3	3	3	3	2	3	2	3	3	3	****	3	3	3	3	3	3	3
20	3	3	2	2	2	3	4	6	8	8	5	3	4	4	4	5	6	6	5	6	6	6	5	5	5
21	4	4	4	4	3	4	4	4	4	5	5	6	5	5	4	3	3	3	3	3	****	2	2	2	4
22	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	3	3	3	3	2
23	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	3	3	4	4	4	3
24	3	3	3	3	3	3	4	6	5	4	4	3	3	3	6	6	5	5	5	5	5	5	6	5	4
25	5	5	5	4	4	5	5	5	5	3	4	5	6	5	6	6	8	9	6	8	7	8	7	7	6
26	6	3	4	3	1	2	4	5	5	5	5	7	6	5	5	6	6	7	7	7	6	6	6	5	5
27	5	4	4	3	3	3	4	7	11	7	8	9	9	7	8	7	7	7	7	7	7	7	8	7	7
28	6	5	5	4	5	5	4	4	4	4	5	4	5	5	5	5	5	5	6	5	5	5	5	5	5
29	6	5	4	4	4	4	4	3	3	4	4	5	5	4	4	4	4	5	5	4	5	5	5	5	4
30	4	4	3	2	3	3	4	5	5	5	4	4	4	4	4	4	4	5	5	7	7	6	4	3	4
MEAN	3	3	2	2	2	3	3	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	2	3	3	4	4	4	4	6	2	2	4	5	4	4	3	3	4	4	4	4	3
2	4	4	2	1	1	3	3	4	4	4	4	5	3	4	4	4	4	3	3	3	2	2	2	2	3
3	1	1	1	1	1	2	3	3	4	3	2	2	3	4	4	3	4	4	4	4	4	3	3	3	3
4	2	2	1	1	2	4	4	4	4	5	4	5	4	4	4	4	3	3	3	3	3	3	3	3	3
5	3	3	2	2	2	2	2	3	3	3	3	1	3	4	4	4	4	4	5	4	3	2	3	2	3
6	2	2	2	2	2	2	2	3	2	2	2	3	3	3	4	3	3	4	3	3	2	2	3	3	3
7	3	2	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
8	2	-	2	2	2	2	3	3	2	2	2	3	3	2	3	3	3	3	3	3	3	2	2	3	3
9	3	2	2	2	2	2	3	3	3	3	-	****	3	3	3	3	4	3	4	4	3	4	4	4	3
10	4	3	-	3	4	****	5	4	7	5	4	2	4	4	4	4	4	4	3	4	4	4	3	3	4
11	3	3	2	3	2	3	3	4	5	4	4	3	1	4	****	3	3	3	3	4	3	2	3	2	3
12	2	1	0	1	2	2	2	2	2	2	2	3	3	****	6	3	3	2	3	3	3	3	3	3	2
13	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2
14	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	2
15	3	3	3	3	3	3	3	-	3	****	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3
16	2	2	1	1	2	2	2	3	3	2	2	-	2	2	2	3	3	3	3	3	3	3	3	3	2
17	3	3	3	3	3	3	4	-	-	4	3	3	3	3	3	5	5	6	5	6	6	5	6	5	4
18	5	4	3	2	2	2	2	3	2	2	2	2	2	3	2	3	****	3	3	3	4	4	4	4	3
19	3	3	2	2	2	3	3	3	3	3	3	3	5	3	5	-	-	6	6	5	6	5	5	5	4
20	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	4	4	3	4
21	3	2	2	1	3	2	3	2	3	3	3	3	3	3	3	3	3	5	5	5	5	4	4	4	3
22	4	3	3	3	3	4	5	4	4	3	3	3	4	4	5	5	6	6	6	5	5	5	5	4	4
23	3	2	1	2	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2
24	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	-	2	2	2
25	1	1	1	1	1	1	3	3	3	3	2	2	3	3	2	3	3	3	3	3	3	3	2	3	2
26	3	2	2	1	2	2	3	3	3	3	3	-	3	-	3	3	3	2	2	2	2	2	2	2	2
27	2	2	2	1	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
28	2	2	-	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
29	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
30	2	2	1	2	1	2	2	2	3	2	2	2	0	3	3	3	3	4	3	3	3	3	2	2	2
31	2	2	2	2	1	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	4	5	4	4	3
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C ND 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	2	2	3	4	4	5	5	5	5	6	5	5	6	6	6	6	4	3	3	2	3	4
2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	4	3	3	3	3	3	3
3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	4	4	3	4	3	3	3	-	3
4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
5	3	3	3	3	3	4	5	5	3	2	3	3	2	2	4	4	4	4	4	3	3	3	3	3	3
6	4	4	4	4	3	3	3	3	4	4	3	3	4	4	3	4	4	4	4	3	3	4	4	3	4
7	3	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	3	2
8	2	2	2	1	1	-	****	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
9	3	3	3	3	3	3	4	5	5	5	4	4	3	3	3	3	3	3	3	-	2	2	2	3	3
10	3	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3
11	3	2	-	2	2	2	2	2	2	2	2	3	-	3	2	3	3	3	3	3	3	3	3	3	3
12	3	3	3	-	3	3	3	3	3	3	3	3	4	5	5	5	4	4	3	3	4	5	5	5	4
13	4	4	4	3	3	3	3	3	3	3	3	3	3	3	2	3	3	4	3	4	4	3	3	3	3
14	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15	3	3	4	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
16	2	2	2	2	2	2	3	3	3	3	4	0	3	3	3	4	3	3	3	3	3	3	3	3	3
17	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	7	3
18	7	7	7	6	5	4	4	4	5	5	4	4	4	4	4	4	3	3	3	3	4	3	2	2	4
19	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3	3	3	3	3	4	4	4	3	3
20	3	3	3	3	4	3	3	3	4	4	3	3	4	4	4	3	4	3	3	3	2	2	2	2	3
21	2	2	1	1	1	1	2	3	3	3	3	3	4	2	3	3	3	-	-	2	2	2	3	3	2
22	2	3	2	2	2	2	3	3	4	4	4	4	5	4	5	4	5	5	4	4	4	3	3	3	4
23	3	3	2	3	3	3	4	3	3	4	5	5	6	6	5	6	5	6	5	5	5	4	4	4	4
24	5	-	4	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	****	3	3	3
25	3	4	3	4	5	4	3	3	3	3	3	3	2	3	2	3	3	3	2	2	2	2	2	2	3
26	2	2	2	2	2	3	3	4	4	4	4	4	4	3	2	3	3	3	4	3	3	3	3	3	3
27	3	3	2	2	2	3	3	3	3	****	****	****	****	****	****	****	4	4	4	4	4	3	4	3	3
28	3	3	3	2	3	3	3	3	3	3	3	2	2	3	3	3	4	4	3	3	3	3	2	2	3
29	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2	-	****	3	3	2	3	2	2	2
30	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3
MEAN	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3.0

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C ND 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	3	2	3	3	3	3	3	3	****	3	3	3	3	3	3	2	2	3
2	2	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	3
3	3	3	3	3	3	3	3	3	4	4	4	3	4	3	2	3	****	4	4	3	4	3	3	3	3
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4	3
5	3	3	3	3	2	2	2	3	4	3	4	3	4	4	5	5	6	6	6	5	5	5	5	5	4
6	5	5	4	4	4	4	4	3	3	4	4	3	3	3	3	3	3	3	3	3	2	3	3	3	3
7	3	3	3	3	3	3	3	3	3	2	2	3	1	3	3	3	3	3	3	3	3	3	2	2	3
8	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	****	3	2	2	3	3	2
9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
10	2	2	2	3	3	3	3	4	3	4	3	3	3	1	****	3	3	4	3	3	4	4	4	4	3
11	4	3	3	3	3	4	4	5	5	5	5	5	5	5	6	6	6	6	7	6	5	5	5	5	5
12	4	4	4	3	4	4	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3
13	3	3	2	2	2	2	3	4	4	4	4	4	4	4	2	3	3	3	3	3	3	3	3	2	3
14	2	2	3	2	3	3	2	2	2	3	3	3	3	****	3	3	3	3	3	3	3	3	2	3	3
15	3	3	3	2	3	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	1	2	2	3
17	3	3	3	3	3	3	3	3	4	4	5	4	3	****	3	3	3	3	3	3	2	2	2	3	3
18	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	5	3	3	3	3	2	2	2	3
19	2	2	2	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	3	3	1	3	3	3	4	5	6	5	4	4	2	2	3
21	2	2	2	2	2	2	2	4	4	3	3	3	4	3	4	5	4	3	4	4	3	3	3	3	3
22	3	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
23	3	3	3	4	3	3	3	2	2	2	2	2	3	3	2	2	2	3	3	3	3	2	2	2	3
24	2	2	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	2
25	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
27	2	1	1	1	1	1	2	2	2	2	2	2	2	1	0	3	3	2	2	2	2	2	2	2	2
28	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	3	3	3	3	3	3	2	2	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
30	2	2	2	2	2	1	2	2	2	2	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2
31	2	2	2	2	2	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	-	2
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	5	9
FEB	28	4.0	7	11
MAR	31	4.3	8	12
APR	1	1.9	2	5
MAY	31	4.0	7	15
JUN	30	3.5	6	9
JUL	31	3.3	6	10
AUG	31	3.2	5	9
SEP	30	3.3	7	11
OCT	31	2.8	4	7
NOV	30	3.0	4	7
DEC	31	2.6	5	7
YEAR	336	3.4	8	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	11	380	325	5	0	0	0	721
FEB	9	228	372	38	1	0	0	648
MAR	19	239	408	55	6	0	0	727
APR	17	25	2	0	0	0	0	44
MAY	41	261	356	75	0	2	0	735
JUN	88	281	295	30	0	0	0	694
JUL	150	249	286	48	0	0	0	733
AUG	58	406	253	22	0	0	0	739
SEP	89	339	250	36	1	0	0	715
OCT	67	501	156	1	0	0	0	725
NOV	10	529	157	4	0	0	0	700
DEC	72	563	101	1	0	0	0	737
YEAR	631	4001	2961	315	8	2	0	7918

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
90.4	0	1.1	2.0	2.7	3.5	5.0	5.8	6.8	7.7	15	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - O.01 PARTS/MILLION

STATION - C NO 3300 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	2	3	3	2	2	3	-	-	-	2	2
3	0	0	0	0	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2	1
4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	****	2	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1
6	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2	2	2	2	2	****	2	2	1	2	2	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	1
10	2	2	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	****	2	2
11	2	1	2	2	2	2	2	2	3	3	4	3	2	2	2	2	2	2	2	-	-	3	3	3	2
12	2	2	2	2	2	2	2	2	2	2	2	1	1	D	1	1	1	1	-	-	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1
15	1	D	D	D	D	D	1	1	1	1	1	1	1	****	0	****	****	****	****	****	****	****	****	****	******
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1.5

PERCENTAGE OF DATA VALID - 45.2 PERCENTAGE OF DATA INVALID - 16.8 PERCENTAGE OF DATA UNAVAILABLE - 38.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - O.01 PARTS/MILLION

STATION - C NO 3300 LAWRENCE/KENNEDY SCARBOROUGH MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	3	3	3	3	3	3	3	******
2	4	3	2	2	2	3	5	5	4	3	3	3	3	2	3	****	4	4	4	4	4	4	4	4	3
3	5	5	5	4	5	5	5	6	6	6	4	5	6	5	5	5	5	6	5	6	6	6	5	5	5
4	5	5	4	4	4	4	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	2	3
5	2	1	1	1	1	2	3	3	3	3	2	2	2	2	2	3	-	3	3	3	3	3	3	3	2
6	3	3	3	3	3	3	4	4	4	4	4	4	3	4	3	2	4	4	4	4	4	4	4	3	4
7	2	1	1	2	2	3	3	2	3	2	1	1	1	1	1	1	1	2	3	3	3	2	3	3	2
8	3	3	4	3	2	1	3	3	****	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	3
9	3	2	1	1	1	2	3	3	3	3	3	3	3	3	2	3	3	4	4	4	3	4	4	4	3
10	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
11	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	4	4	4	4	5	5	5	5	5	3
12	5	5	5	5	5	4	4	4	4	4	4	4	2	2	1	3	4	5	4	4	3	3	2	3	4
13	2	2	1	1	1	1	1	3	3	3	3	3	3	2	****	3	3	3	****	3	3	3	3	3	2
14	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	3	3	3	2	2	1	2
15	1	0	0	D	0	0	1	2	2	2	1	1	0	D	1	0	0	1	-	1	2	1	1	1	1
16	D	D	0	0	0	0	1	3	2	2	2	2	2	3	3	3	3	3	3	2	3	-	2	2	2
17	1	1	1	0	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2
18	2	2	3	3	3	1	1	1	1	2	D	0	0	0	0	D	D	0	0	D	-	0	1	****	1
19	****	0	****	1	1	2	3	5	5	6	6	5	4	4	4	5	5	5	5	5	5	5	4	4	4
20	4	4	4	3	3	3	4	5	5	5	6	****	****	6	6	6	7	7	7	7	7	7	7	7	5
21	5	5	5	4	4	5	5	5	4	4	3	4	4	4	4	4	4	3	3	3	3	3	2	2	4
22	2	1	1	1	1	2	3	5	5	4	4	4	4	4	4	4	4	4	3	3	4	2	1	1	3
23	1	1	0	0	1	1	1	1	3	3	1	2	2	3	4	5	5	5	5	4	4	4	4	4	3
24	4	4	3	3	3	3	3	4	3	4	4	4	5	5	5	5	4	4	4	3	3	2	1	1	4
25	1	1	1	1	D	1	0	0	D	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
26	1	D	0	D	0	0	1	2	2	2	3	2	3	2	****	4	4	****	4	3	2	2	2	3	2
27	3	2	3	3	3	3	4	5	4	4	4	4	5	5	5	5	5	5	5	5	****	5	5	5	4
28	5	5	5	6	6	6	6	5	7	11	****	****	8	11	10	10	10	10	10	10	10	10	9	8	8
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3.1

PERCENTAGE OF DATA VALID - 94.9 PERCENTAGE OF DATA INVALID - 4.5 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	5	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	5	4	4	4	4	4	******
9	3	3	3	3	4	4	4	5	6	6	5	5	5	5	3	3	4	4	5	4	3	2	2	3	4
10	4	5	4	4	3	3	3	3	3	3	3	3	3	4	4	4	5	4	4	4	3	2	2	2	3
11	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	1	1	1	1	1	2	3	3	3	2	2	2	****	3	2	3	3	3	3	4	4	-	5	2
13	4	3	2	2	2	3	3	4	4	3	3	4	4	4	3	6	6	6	5	4	4	4	4	3	4
14	3	2	2	2	2	1	2	3	4	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
15	1	1	0	0	0	0	1	3	3	3	2	2	2	2	2	2	3	3	2	3	3	3	3	4	2
16	4	4	4	3	2	-	3	3	3	3	3	3	3	4	****	5	5	5	6	7	7	5	4	4	4
17	4	4	4	4	4	4	5	5	5	5	5	6	5	2	2	2	3	4	4	2	2	2	3	4	4
18	4	4	4	5	4	4	5	5	5	5	4	2	4	5	5	3	2	1	2	5	6	1	1	1	4
19	2	3	2	3	4	4	5	4	3	1	0	0	0	0	1	1	3	4	5	6	7	7	7	7	3
20	6	5	5	5	4	4	5	7	6	6	5	5	4	1	4	6	5	-	****	6	6	****	4	4	5
21	4	4	4	4	4	4	5	5	6	4	2	1	0	0	1	1	2	4	5	6	6	7	7	9	4
22	9	8	7	7	6	4	4	5	6	6	7	7	5	3	2	1	1	2	3	7	7	7	7	4	5
23	5	5	3	1	1	1	1	2	2	2	2	2	2	1	****	2	2	3	3	2	4	4	5	4	3
24	2	3	1	1	0	0	0	0	0	0	1	1	2	5	5	4	2	1	1	4	5	5	5	5	2
25	3	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	2	3	3	3	2	2	2	1	2
26	1	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	2	2
27	2	1	0	0	0	0	2	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
28	3	4	4	4	3	4	4	2	1	1	0	1	1	0	0	0	0	0	1	1	1	2	3	3	2
29	2	2	2	2	2	3	4	5	5	5	5	5	3	3	3	3	4	4	4	4	4	4	2	2	3
30	3	1	0	0	0	0	0	1	-	1	1	2	3	3	2	4	5	5	5	6	5	5	4	5	3
31	4	5	3	2	3	2	4	4	4	4	3	2	3	3	3	3	3	3	3	3	2	2	2	2	3
MEAN	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3.0

PERCENTAGE OF DATA VALID - 74.6 PERCENTAGE OF DATA INVALID - 24.6 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	2	****	3	4	****	****	4	5	5	5	5	4	3	2	2
3	2	1	1	0	0	1	2	3	3	****	****	3	3	0	3	4	4	4	4	4	4	3	4	3	3
4	3	3	3	3	2	2	3	3	3	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1
5	2	3	1	1	1	****	3	4	-	-	3	3	3	3	2	4	4	5	5	5	2	1	2	2	3
6	2	1	0	0	0	0	1	2	2	2	1	1	1	0	1	1	2	2	2	2	2	2	1	1	1
7	1	1	1	0	0	0	****	****	****	****	****	****	2	3	2	3	2	2	2	3	3	3	3	3	2
8	3	3	3	3	2	1	1	1	****	****	****	****	****	0	0	0	0	1	1	2	2	2	1	1	1
9	0	0	0	0	0	0	1	1	2	2	1	2	1	2	1	1	3	3	3	3	4	4	5	5	2
10	3	2	1	1	0	1	2	4	3	3	3	4	4	3	3	****	****	****	****	****	****	****	****	4	3
11	4	3	2	1	2	3	3	3	2	1	0	0	0	****	0	0	1	0	2	2	2	1	1	2	2
12	4	3	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0
14	0	1	0	0	1	0	1	2	2	2	3	4	4	4	4	5	3	2	2	2	2	4	5	6	2
15	5	3	2	1	1	0	1	1	1	1	2	1	2	2	2	2	2	2	2	3	3	3	2	2	2
16	1	0	0	0	0	0	1	2	2	2	2	2	3	3	2	3	3	****	3	3	****	3	2	2	2
17	1	1	1	1	1	2	2	2	3	3	3	3	2	-	-	3	3	4	4	4	4	4	2	3	3
18	2	2	2	1	1	2	3	4	4	3	3	****	-	-	3	4	4	3	4	4	3	3	4	3	3
19	3	2	1	1	2	3	4	4	3	4	3	3	3	3	2	4	5	5	5	6	5	5	5	5	4
20	3	3	2	4	4	4	5	5	5	7	6	5	7	6	2	6	7	7	7	7	7	8	7	7	5
21	8	7	8	8	8	8	7	5	5	3	3	2	3	3	1	2	2	2	3	5	7	6	3	4	5
22	6	7	6	6	3	1	2	2	2	2	3	2	3	3	3	3	4	5	5	7	7	6	4	4	4
23	4	3	4	3	4	3	4	5	6	7	5	4	5	3	4	5	4	6	2	6	8	8	7	6	5
24	6	6	6	5	5	5	6	6	7	5	5	4	5	3	2	2	2	3	2	3	3	4	7	8	5
25	8	6	2	3	3	****	1	2	2	2	2	2	0	1	1	1	3	4	3	5	6	4	3	4	3
26	4	6	5	3	1	1	3	3	5	4	3	3	4	4	4	2	3	5	4	2	1	1	1	1	3
27	1	1	4	1	0	0	1	2	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
28	2	2	1	1	0	0	0	1	1	0	0	0	1	1	1	1	2	1	1	2	4	4	3	3	1
29	2	2	2	1	0	1	1	1	1	1	2	2	2	3	2	2	3	3	3	3	4	4	4	3	2
30	3	1	0	0	1	2	3	3	1	1	1	1	1	1	1	1	3	3	4	4	4	4	4	2	2
MEAN	3	2	2	2	1	1	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 95.0 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	3	2	2	2	2	2	2	2	3	3	4	3	4	5	5	4	3	4	2
2	3	4	4	4	4	4	5	3	3	2	2	1	2	1	1	1	2	2	2	2	****	1	1	2	2
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	7	4	3	3	3	2	******
4	1	1	****	****	****	3	3	3	3	3	3	4	4	1	3	4	-	3	4	3	3	3	3	3	3
5	2	2	1	1	2	3	3	2	3	3	3	2	4	3	4	4	3	4	4	4	3	3	3	3	3
6	2	1	1	2	1	1	1	0	0	1	1	****	1	****	****	****	****	****	****	****	1	1	1	1	1
7	1	1	0	1	0	1	1	1	1	1	0	0	****	1	****	0	0	0	0	0	0	0	****	0	0
8	0	****	0	****	2	3	2	2	4	4	4	3	3	3	4	4	4	5	4	8	8	7	5	2	4
9	2	4	4	4	4	5	5	5	4	6	5	4	3	2	2	3	3	3	3	****	****	5	6	12	4
10	5	4	4	3	5	4	4	8	10	9	5	6	4	2	0	0	2	****	****	4	2	3	4	5	4
11	****	****	****	****	****	****	3	3	2	1	2	1	0	****	0	0	0	0	0	0	0	1	2	****	1
12	****	****	****	****	****	****	****	****	4	5	2	2	1	3	2	1	1	1	2	****	****	1	1	0	******
13	1	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2	-	****	****	****	****	1
14	****	****	****	****	****	****	****	****	****	****	****	3	2	2	2	3	3	4	5	5	5	5	5	4	******
15	2	2	2	2	3	4	5	4	4	3	4	4	5	5	5	6	5	4	4	5	4	4	3	2	4
16	1	1	0	0	1	2	3	3	2	****	3	3	3	3	2	4	3	3	3	3	4	4	3	2	2
17	-	2	3	****	2	3	3	5	5	2	2	1	3	2	4	3	2	1	1	2	3	3	1	1	2
18	0	2	3	3	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	2	4	3	5	4	2
19	4	4	4	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	1	2	1
20	2	2	1	2	0	1	1	0	2	2	2	1	0	0	0	0	0	0	1	1	4	5	5	5	2
21	****	3	5	4	4	3	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	1	2
22	1	1	0	0	1	3	3	3	1	0	0	0	0	0	0	****	****	****	****	0	0	****	****	****	1
23	0	****	0	****	0	****	****	0	****	****	****	****	****	****	****	****	****	****	****	****	0	****	****	0	******
24	0	****	0	0	0	****	0	0	****	****	****	****	****	****	0	0	0	1	1	1	2	3	2	0	1
25	0	0	0	0	-	****	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2	2	2	2	3	3	2	2	2	2	1
27	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1	2	2	2	2	2	1
28	1	1	2	2	2	3	3	2	3	2	2	2	1	****	7	6	6	5	6	6	6	6	5	6	4
29	5	5	4	4	4	6	4	4	5	5	9	8	8	6	5	5	4	4	3	3	5	5	4	5	5
30	4	5	4	4	3	4	3	5	4	6	7	7	4	4	3	7	6	5	7	9	12	11	9	13	6
31	12	10	9	8	9	10	13	14	8	2	1	1	1	1	1	1	1	1	2	3	5	7	7	7	6
MEAN	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2.5

PERCENTAGE OF OATA VALIO - 84.8 PERCENTAGE OF OATA INVALIO - 14.7 PERCENTAGE OF OATA UNAVAILABLE - 0.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	3	2	3	3	2	1	1	1	****	-	-	1	1	1	1	2	4	5	6	6	6	3
2	6	5	5	4	2	2	3	3	3	3	3	3	3	3	4	5	4	4	4	5	5	5	5	5	4
3	5	5	4	2	2	2	3	3	3	3	3	3	2	2	2	3	2	3	4	6	7	7	7	6	4
4	5	6	7	5	5	6	8	9	9	8	6	6	4	2	4	7	4	6	6	6	8	6	4	5	6
5	6	1	2	2	2	5	6	5	4	5	5	-	4	4	4	4	4	4	3	4	3	3	3	3	4
6	2	2	1	1	1	2	2	1	1	1	0	0	0	****	****	1	1	1	1	1	1	2	1	1	1
7	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	6	8	6	3	2
8	2	1	1	1	1	2	5	5	4	3	4	4	4	3	3	5	4	5	6	7	7	6	5	4	4
9	4	4	5	5	3	3	4	2	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	2	2
10	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	4	3	4	3	2	1	2
11	1	1	1	1	1	2	3	3	3	2	2	2	2	3	2	3	3	-	-	3	2	3	3	3	2
12	2	2	2	1	2	2	3	3	3	3	3	3	3	****	2	3	2	3	****	3	3	3	3	3	3
13	3	2	2	2	2	3	3	3	3	2	3	2	2	1	2	3	3	3	3	3	4	4	5	4	3
14	4	4	4	4	****	4	****	****	4	3	3	3	3	2	3	4	4	4	5	6	8	7	6	5	4
15	6	5	3	2	3	5	6	7	6	6	****	****	2	5	4	5	5	4	5	5	5	4	4	3	5
16	3	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	4	6	6	5	7	7	3
17	7	7	6	6	5	3	2	1	2	3	3	2	4	3	2	2	2	2	4	7	4	4	3	1	4
18	1	1	0	0	0	1	2	2	2	1	****	1	1	3	3	3	3	3	2	3	4	6	4	3	2
19	3	3	2	1	2	3	3	2	1	1	0	0	0	0	0	1	0	0	0	1	2	2	2	3	1
20	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	2
21	2	1	1	0	0	1	3	5	4	3	3	2	2	1	1	1	1	1	1	1	2	2	4	3	2
22	2	2	1	1	1	2	4	4	6	6	4	4	3	4	2	2	-	1	2	2	2	2	2	1	3
23	1	1	1	0	0	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2	1
24	2	1	****	1	0	0	1	****	1	1	1	2	1	2	2	2	2	2	2	2	2	3	3	2	2
25	2	1	1	1	1	2	3	2	1	0	0	0	0	0	2	3	-	4	3	4	5	4	4	5	2
26	5	5	4	4	4	4	5	4	3	2	2	1	3	3	****	1	1	5	4	3	3	6	5	3	3
27	3	3	3	3	2	4	6	6	6	6	5	4	4	4	0	7	6	5	5	5	4	5	5	5	4
28	4	3	3	3	3	3	4	3	5	5	3	2	1	0	1	1	1	1	1	5	3	3	2	5	3
29	4	5	4	3	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	2
30	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	-	0	1	1	1	1	1	0	0	0
MEAN	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2	3	2	3	3	3	4	4	4	3	2.7

PERCENTAGE OF OATA VALIO - 96.8 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	0	0	1	2	2	1	0	1	1	2	2	2	3	3	2	3	2	2	1
2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
3	1	1	1	1	1	2	3	3	2	2	****	2	2	2	2	3	3	2	3	4	3	3	3	2	2
4	2	2	2	1	2	2	3	3	3	3	3	2	3	3	3	3	3	2	3	2	3	3	2	1	2
5	2	1	1	0	1	2	3	3	3	3	2	****	3	3	4	4	4	4	4	4	4	5	4	4	3
6	3	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4
7	4	4	3	3	4	4	4	4	5	6	7	5	5	4	4	4	4	4	****	****	****	****	5	5	4
8	5	5	5	5	5	5	4	5	4	4	4	****	4	3	****	3	3	****	****	****	****	****	****	****	******
9													- OATA INVALIO -												
10	****	****	****	****	****	****	****	****	****	****	****	-	****	****	1	2	2	2	2	5	5	4	5	5	******
11	5	3	3	3	3	4	5	5	4	5	6	6	4	4	4	5	9	8	7	8	8	7	7	7	5
12	7	7	7	6	6	5	7	7	7	6	4	4	3	****	5	5	5	6	7	8	7	8	8	8	6
13	8	8	7	7	5	5	6	6	3	1	1	2	2	2	2	2	2	1	2	2	4	5	8	8	4
14	8	8	7	7	6	5	4	2	2	2	2	4	3	4	4	4	4	2	2	2	2	4	4	4	4
15	5	6	6	5	4	3	2	3	3	3	3	5	3	3	3	3	3	3	6	7	8	7	5	5	4
16	5	5	4	4	5	5	7	6	5	5	3	5	6	7	5	3	4	4	4	4	3	3	3	2	4
17	1	1	1	1	1	2	3	-	3	2	2	2	1	2	1	4	6	5	4	4	4	3	3	3	3
18	2	2	2	2	2	3	3	4	3	2	2	2	3	2	4	5	5	4	6	5	5	5	4	3	3
19	3	3	3	3	3	4	5	5	4	4	5	5	5	4	4	5	4	5	6	8	9	7	7	8	5
20	8	7	7	6	6	6	8	9	10	10	10	7	7	4	4	4	4	4	5	3	8	8	8	9	7
21	****	7	7	6	6	7	6	4	3	3	2	2	2	2	3	5	5	4	5	7	9	10	11	10	5
22	9	9	9	9	7	5	-	5	4	4	4	3	3	3	3	3	3	3	4	6	8	10	9	7	6
23	****	6	5	5	6	6	6	5	6	5	4	4	2	2	2	2	2	2	2	2	3	4	5	3	4
24	4	5	4	3	3	4	5	5	5	6	6	4	4	2	3	3	3	3	3	3	3	2	3	3	4
25	2	2	1	0	1	2	3	2	2	2	2	2	1	2	3	3	2	****	5	4	****	****	****	3	2
26	2	2	1	1	****	****	****	4	4	****	1	1	2	0	2	2	1	2	2	2	2	2	3	2	2
27	2	1	1	0	1	2	2	2	2	2	3	5	3	-	1	3	4	3	4	7	7	6	6	4	3
28	3	3	3	2	3	3	3	3	1	2	3	4	4	3	2	2	3	3	3	4	4	4	3	3	3
29	3	3	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	3	4	6	6	7	3	2	2
30	2	2	2	2	2	2	3	2	2	1	1	2	2	1	1	0	-	1	1	1	0	0	1	2	1
31	1	1	1	1	3	4	4	5	6	5	4	5	4	3	3	4	5	6	6	6	5	5	4	3	4
MEAN	4	4	3	3	3	4	4	4	4	3	3	3	3	3	3	3	4	3	4	4	5	5	5	4	3.6

PERCENTAGE OF OATA VALIO - 90.9 PERCENTAGE OF OATA INVALIO - 8.5 PERCENTAGE OF OATA UNAVAILA8LE - 0.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	1	0	0	0	2	3	2	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	
2	0	0	0	0	0	0	1	3	3	2	2	3	3	2	3	3	3	3	3	3	3	3	4	3	2	
3	3	3	3	3	3	3	4	5	4	5	2	4	4	3	4	3	4	4	4	7	7	7	7	8	4	
4	7	6	5	5	4	4	4	4	4	4	4	3	3	2	2	2	2	2	3	7	7	4	4	4	4	
5	5	4	2	0	0	1	2	1	1	1	1	1	1	0	1	0	1	1	1	3	3	4	2	1	2	
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	3	3	1	
7	2	1	1	1	2	2	2	2	2	2	2	2	****	****	2	4	5	5	5	3	2	2	2	1	2	
8	2	1	1	1	1	2	2	3	3	3	3	3	3	4	2	3	4	2	3	2	2	3	3	2	2	
9	2	1	1	1	2	1	2	1	0	0	0	0	****	****	0	0	0	0	0	1	1	0	1	1	1	
10	0	1	2	2	1	0	1	1	2	4	5	1	****	3	3	4	4	4	4	5	5	4	4	4	3	
11	3	2	0	0	0	0	1	1	1	1	1	1	2	2	3	2	1	2	3	3	3	2	2	2	2	
12	2	2	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4	5	5	1	
13	5	5	4	3	3	4	5	6	6	5	4	4	4	3	3	4	4	5	5	4	3	3	3	1	4	
14	1	1	1	0	1	2	4	4	3	3	2	2	2	1	1	2	2	2	-	2	2	2	2	1	2	
15	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	
16	3	2	2	1	2	3	4	3	3	1	2	3	3	****	2	5	6	7	5	4	9	9	10	9	4	
17	7	5	5	4	3	5	6	8	8	10	8	7	6	6	5	6	6	5	5	5	5	5	4	5	6	
18	5	5	4	1	0	0	0	0	1	1	1	2	2	2	3	4	4	4	5	4	4	4	5	6	3	
19	6	6	4	3	2	1	2	1	1	1	1	1	1	1	1	2	3	3	6	8	8	7	4	3	3	
20	3	2	2	1	1	2	3	4	3	2	2	1	0	1	4	4	3	1	1	2	3	5	6	6	3	
21	5	4	4	4	4	4	5	5	4	5	5	5	6	4	5	3	3	4	5	5	7	9	6	4	5	
22	3	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	
23	1	1	1	1	1	2	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
24												- OATA INVALIO -														
25												- OATA INVALIO -														
26												- OATA INVALIO -														
27												- OATA INVALIO -														
28												- OATA INVALIO -														
29												- OATA INVALIO -														
30												- OATA INVALIO -														
31												- OATA INVALIO -														
MEAN	3	2	2	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	2.6	

PERCENTAGE OF OATA VALIO - 71.2 PERCENTAGE OF OATA INVALIO - 28.6 PERCENTAGE OF OATA UNAVAILA8LE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	8	8	7	6	5	5	5	4	******
7	3	2	2	2	3	3	3	3	3	2	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3
8	3	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	4	5	6	5	4	4	4	4	3
9	4	4	4	3	3	3	3	4	3	3	4	4	4	4	4	3	3	4	5	6	6	7	6	6	4
10	7	6	5	6	6	7	8	7	6	5	6	7	9	****	5	5	5	4	3	2	2	3	3	2	5
11	2	2	2	2	2	3	3	3	2	2	2	3	3	3	3	5	6	6	6	7	6	6	6	5	4
12	5	4	4	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
13	3	2	1	1	1	1	3	3	4	3	3	3	3	3	4	5	4	5	7	5	4	3	3	3	3
14	1	1	1	1	1	1	2	4	4	3	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2
15	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
16	5	4	4	4	3	3	3	3	3	3	4	4	4	3	3	3	3	5	6	6	6	6	6	5	4
17	4	3	2	3	5	5	6	6	7	8	7	5	5	5	4	5	5	5	7	7	6	5	6	5	5
18	4	2	2	3	3	4	5	6	6	7	6	5	5	4	4	5	5	4	4	4	3	2	2	1	4
19	1	1	1	1	1	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3
20	3	3	3	3	3	3	5	6	5	****	4	3	3	3	4	5	5	6	6	6	6	6	7	6	5
21	5	4	3	3	3	4	4	5	5	5	5	5	4	4	4	4	3	3	3	3	3	3	2	2	4
22	3	3	2	2	2	2	2	2	2	1	1	2	2	3	3	3	3	3	3	3	3	3	2	2	2
23	2	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	3	3	4	4	4	4	2
24	4	3	3	4	3	3	4	4	3	2	1	1	1	1	2	2	2	2	2	3	3	3	5	5	3
25	5	5	5	5	5	5	5	5	5	5	5	6	****	****	4	5	7	5	6	6	6	6	7	5	
26	6	4	2	1	2	4	4	5	4	4	4	4	4	4	5	6	6	7	6	5	5	5	5	5	4
27	4	4	4	3	3	4	5	5	5	9	9	8	8	****	0	0	0	2	10	15	6	0	2	5	5
28	3	1	0	0	0	1	8	8	4	2	2	1	2	4	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	4	3	3	2	3	3	4	4	4	4	4	4	4	3	3	4	4	4	5	5	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 72.5 PERCENTAGE OF DATA INVALID - 27.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	3	3	2	2	1	2	2	2	3	4	4	4	4	3	******
2	3	2	2	2	2	2	3	3	3	3	3	1	1	1	1	1	1	1	1	2	2	1	1	1	2
3	0	0	0	1	1	1	1	1	1	2	3	2	3	3	4	4	4	3	3	3	3	3	3	3	2
4	1	1	1	1	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	3	2	2	2	2	3	3	3	4	4	4	2	4	4	5	5	5	5	4	3	3	2	3	3
6	2	2	1	1	1	2	2	2	2	3	3	3	3	3	3	2	3	3	1	3	3	3	2	3	2
7	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	-	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	1	1	1	2
9	1	1	0	1	1	2	2	2	2	3	-	****	3	1	3	3	3	3	3	3	3	3	3	4	2
10	3	3	-	3	3	****	3	3	3	2	1	2	1	1	1	1	1	2	4	3	3	3	3	4	2
11	4	3	3	3	3	3	3	4	4	6	6	3	2	2	****	1	2	1	2	3	4	3	2	2	3
12	1	1	1	0	1	1	2	3	2	2	****	****	****	****	3	3	3	3	3	3	3	3	2	2	2
13	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
14	2	2	2	2	1	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3	3	3	3	2	2
15	2	2	2	2	2	3	3	-	3	****	3	3	4	4	2	4	5	4	3	3	3	3	3	2	3
16	1	1	1	1	1	2	2	2	2	1	1	-	1	0	1	1	1	1	2	2	3	3	3	3	2
17	3	3	3	3	3	3	3	-	-	3	3	3	4	5	7	7	7	7	5	5	5	6	5	4	4
18	5	3	1	1	2	3	3	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2
19	3	2	1	1	1	1	1	2	1	1	2	2	2	2	2	-	-	6	6	6	4	5	5	5	3
20	5	4	3	2	3	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	4	3	3	3	4
21	4	3	2	1	1	2	1	2	2	3	3	3	3	3	4	3	4	5	4	4	5	5	5	4	3
22	2	1	1	2	2	3	3	3	3	4	3	3	2	2	3	4	6	5	3	3	5	4	3	1	3
23	1	1	1	1	2	2	3	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
24	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	-	2	2	2
25	1	1	1	1	1	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2
26	2	1	1	1	2	2	3	3	3	3	3	3	2	-	3	3	3	3	3	3	3	3	3	3	3
27	3	3	2	1	1	3	3	3	3	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	1	1	0	0	0	1	2	3	2	2	2	2	3	2	2	3	3	3	3	3	3	2	2	2	2
30	2	1	2	1	1	2	1	2	2	2	1	1	0	0	0	0	1	2	2	1	1	0	1	1	1
31	0	0	1	0	0	0	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	4	4	1
MEAN	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - O.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	1	1	1	1	2	3	3	2	****	****	3	4	4	4	5	7	7	6	4	4	3	3	3
2	3	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3
3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	4	4	4	3	3	-	4
4	3	3	3	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	4	4	3	4	3
5	4	4	5	4	4	5	5	4	4	2	2	2	2	1	1	2	3	3	3	3	3	3	4	4	3
6	4	4	4	4	4	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3
7	3	2	2	1	1	1	2	3	3	2	3	3	2	3	3	3	3	3	3	3	3	2	2	3	2
8	3	3	3	2	1	-	****	2	2	2	2	2	3	3	2	3	2	3	3	3	3	3	3	3	3
9	3	3	3	3	4	4	5	5	6	5	3	****	2	****	****	****	2	2	2	-	2	****	1	2	3
10	3	2	****	****	****	****	****	****	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	******
11	****	****	-	****	****	****	****	1	2	1	2	****	-	3	2	****	3	****	****	****	****	4	3	3	******
12	3	2	1	-	1	****	****	2	3	3	2	****	****	3	****	3	****	4	4	4	****	5	4	****	******
13	****	****	3	2	****	****	****	3	3	****	****	2	2	2	3	3	3	4	4	4	4	3	3	3	3
14	3	2	2	2	2	2	3	3	3	3	3	3	3	4	2	3	4	4	3	3	3	3	3	3	3
15	4	3	3	4	3	3	3	3	3	3	3	3	3	3	2	3	3	3	2	2	2	2	2	2	3
16	2	1	1	0	0	1	3	3	4	3	3	3	3	2	3	3	3	4	3	3	3	3	3	3	3
17	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	4	5	5	4	7	3
18	6	6	6	5	4	4	4	4	4	3	2	1	1	2	1	1	1	2	2	1	1	1	1	2	3
19	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	3	3	2	3	2	2
20	2	3	3	2	3	3	3	4	4	3	3	3	3	2	4	3	4	4	3	3	2	3	3	3	3
21	2	2	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	-	1	1	1	1	2	1	1
22	1	1	1	1	2	2	3	4	5	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4
23	4	3	3	2	2	3	3	3	3	3	4	5	5	3	4	5	4	4	5	5	4	4	4	5	4
24	4	5	5	3	2	1	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	****	4	4	3
25	4	4	4	4	4	4	3	3	3	2	2	2	2	2	1	1	1	1	2	2	1	1	1	1	2
26	1	1	1	1	1	1	1	2	3	2	2	3	4	3	3	3	3	3	3	2	2	2	2	2	2
27	2	1	1	1	1	1	2	3	3	3	3	3	2	2	2	4	4	4	4	4	4	4	3	3	3
28	3	3	2	2	2	1	2	3	3	3	3	2	3	3	2	****	3	3	3	3	3	3	2	2	3
29	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	-	****	2	2	2	2	2	2	2
30	2	2	2	1	1	1	2	2	2	3	2	3	2	3	2	2	3	3	3	3	3	3	3	3	2
MEAN	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALIO - 90.8 PERCENTAGE OF DATA INVALIO - 8.1 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - O.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	2	2	2	3	2	2	3	3	2	2	2	****	2	2	2	2	2	2	2	1	2
2	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	****	4	3	3	3	3	2	2	3
4	2	2	2	2	2	2	2	2	3	3	3	2	3	2	3	3	3	3	3	3	4	3	3	3	3
5	4	3	3	3	2	2	2	3	3	3	3	3	3	4	3	4	5	5	5	5	4	5	3	4	4
6	4	3	2	2	2	3	4	4	4	4	3	3	3	4	3	3	3	3	3	2	2	2	2	3	3
7	3	3	3	3	2	3	3	3	3	3	2	2	3	3	2	3	3	3	3	3	3	3	2	2	3
8	2	1	1	1	1	0	1	1	1	2	2	2	2	2	2	3	3	3	****	3	3	2	2	3	2
9	3	3	3	2	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	3	2	2	2	2
10	2	2	2	2	3	3	3	3	3	3	****	1	1	1	1	1	1	1	1	1	2	2	3	3	2
11	3	3	3	3	3	2	2	3	3	3	3	4	4	4	2	5	5	5	5	5	5	4	4	4	4
12	4	3	2	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
13	1	0	0	0	0	0	1	2	2	2	2	2	1	2	2	2	2	2	2	3	3	4	3	2	2
14	2	2	2	2	2	3	2	1	2	2	2	1	2	****	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
16	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
17	1	0	0	0	0	1	2	3	3	3	3	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	3	3	3	3	3	******
19	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
20	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	4	5	3	3	2
21	3	3	2	1	1	2	3	3	3	3	3	2	2	2	2	3	3	3	3	4	3	3	3	3	3
22	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	3	2	2	3	3
24	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
25	1	1	2	2	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	1
26	2	1	1	1	0	0	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
27	2	2	1	1	1	1	2	2	2	3	3	2	3	2	3	3	3	3	3	2	2	2	2	2	2
28	1	1	1	0	0	1	2	2	2	3	2	2	2	1	2	2	3	2	2	2	3	3	3	2	2
29	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2
30	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	3	2	3	2	2	2	2	2
31	2	2	3	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	3	4	-	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2.3

PERCENTAGE OF DATA VALIO - 95.7 PERCENTAGE OF OATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	1.5	2	4
FEB	27	3.1	8	11
MAR	23	3.0	5	9
APR	30	2.4	5	8
MAY	27	2.5	6	14
JUN	30	2.7	6	9
JUL	28	3.6	7	11
AUG	22	2.6	6	10
SEP	21	3.6	5	15
OCT	30	2.4	4	7
NOV	27	2.8	4	7
DEC	29	2.3	4	5
YEAR	308	2.7	8	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	183	152	1	0	0	0	0	336
FEB	120	293	203	20	2	0	0	638
MAR	101	241	191	22	0	0	0	555
APR	248	265	142	29	0	0	0	684
MAY	243	212	142	27	6	1	0	631
JUN	207	285	183	22	0	0	0	697
JUL	86	275	240	74	1	0	0	676
AUG	184	191	131	24	0	0	0	530
SEP	62	216	213	30	0	1	0	522
OCT	176	451	84	4	0	0	0	715
NOV	90	411	150	3	0	0	0	654
DEC	122	549	41	0	0	0	0	712
YEAR	1822	3541	1721	255	9	2	0	7350

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83.9	0	0.2	1.2	2.0	2.9	4.6	5.6	6.8	7.8	15	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 OON MILLS RO. NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2
2	1	0	1	0	0	D	1	2	2	2	1	1	1	1	1	2	3	3	3	3	-	-	-	1	1
3	1	1	1	1	2	2	2	2	2	1	1	1	1	****	****	2	2	3	2	3	2	2	2	2	2
4	1	1	1	1	1	2	2	2	2	2	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	2	3	3	2	****	1	1	1	1	2	3	3	3	3	3	3	****	3	2
6	3	3	3	3	3	3	3	3	3	3	2	2	2	3	2	2	2	3	4	3	3	3	2	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3
8	2	2	2	2	2	2	4	2	3	3	3	2	1	****	****	2	3	3	3	3	3	3	3	3	3
9	3	2	2	3	2	2	2	3	3	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	3
10	4	4	4	4	3	3	3	3	3	3	2	2	2	****	2	2	3	3	4	3	3	3	****	2	3
11	2	3	3	3	3	3	3	3	4	6	5	3	2	2	2	2	3	4	4	-	-	4	5	4	3
12	5	4	4	4	4	4	4	4	3	****	1	1	2	1	1	2	2	3	-	-	3	4	4	5	3
13	4	4	3	3	3	3	2	2	3	2	2	2	2	2	2	3	3	3	2	2	2	3	2	2	3
14	3	3	3	3	3	3	3	2	3	1	1	0	1	1	1	1	1	1	2	3	2	2	1	2	2
15	1	1	1	1	1	1	1	2	2	2	1	2	2	1	2	3	4	4	3	3	3	3	3	3	2
16	2	3	3	3	3	3	3	3	4	3	2	****	1	1	2	2	3	4	4	4	4	5	4	4	3
17	4	5	5	5	4	3	2	2	2	2	1	2	1	2	3	3	3	3	4	4	3	3	2	2	3
18	2	2	1	1	1	1	1	2	2	1	-	-	1	2	1	2	2	4	4	4	4	4	4	4	2
19	4	4	4	4	4	4	4	5	5	****	4	4	-	4	2	2	4	4	4	4	4	4	4	4	4
20	4	4	4	3	3	3	3	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3
21	4	4	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
22	****	****	****	****	****	-	****	****	3	3	2	2	2	2	2	2	3	****	3	3	3	4	4	5	*****
23	4	2	****	****	****	****	****	4	4	3	****	2	1	1	2	2	3	3	4	4	2	2	3	3	3
24	3	2	2	2	1	2	3	2	2	-	2	2	2	3	2	2	2	1	2	1	1	1	1	1	2
25	1	1	1	3	2	1	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
26	1	1	0	1	1	1	1	2	2	2	1	****	1	0	0	1	2	2	3	2	2	2	2	2	1
27	2	2	2	1	1	2	2	2	2	2	2	1	2	2	2	2	3	3	3	3	3	3	3	3	2
28	2	2	2	1	1	0	D	1	D	0	0	0	0	D	0	1	1	1	D	D	D	0	D	D	1
29	D	0	0	D	0	0	D	1	1	1	0	0	D	0	1	1	1	1	1	1	1	1	1	1	1
30	1	D	0	D	D	D	0	1	2	1	****	1	0	D	0	1	1	-	1	1	1	2	2	2	1
31	1	1	1	0	D	D	1	2	2	1	1	1	0	D	D	1	1	2	1	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	1	2	2	2	2	3	3	3	2	3	3	3	2.2

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIDXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C ND 34DD2 5C CTR 77D DON MILLS RO. NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	D	0	D	D	0	0	1	1	1	1	1	D	1	7	1	1	2	2	2	2	2	1	1	1
2	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	D	1	4	3	3	3	4	4	1
3	4	5	4	3	4	4	4	5	4	6	5	5	4	3	3	3	4	4	4	6	5	5	5	4	4
4	3	4	4	4	4	4	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	1	2
5	1	1	0	0	D	1	1	2	2	1	D	0	0	D	D	1	-	1	2	2	3	2	2	2	1
6	3	1	1	2	2	3	3	3	4	4	4	3	2	4	3	****	3	3	3	3	4	3	4	4	3
7	4	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	3	4	3	3	4	4	3
8	3	3	3	2	1	1	2	3	****	2	1	D	1	1	1	1	1	2	2	2	2	2	1	1	2
9	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	1	2	3	4	4	4	4	4	4	2
10	4	4	4	4	4	4	4	4	5	2	2	1	1	0	1	D	1	1	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	3	4	5	5	5	5	5	5	6	3
12	6	6	5	6	6	6	7	5	5	4	4	3	2	1	2	3	4	4	5	4	3	2	2	2	4
13	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	2	****	4	3	3	3	3	2
14	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	4	4	3	3	2	3
15	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	2	-	1	3	2	2	1	2
16	1	1	1	1	1	1	2	3	3	2	0	D	0	0	0	D	1	2	3	2	1	-	0	1	1
17	1	1	1	1	1	1	1	1	1	0	1	1	0	D	D	1	1	2	3	3	3	3	3	3	1
18	3	3	4	3	3	3	3	3	2	2	1	D	1	1	1	1	1	1	1	1	-	1	2	****	2
19	****	****	****	1	2	3	4	4	4	4	4	3	2	1	1	2	4	4	5	5	5	5	4	5	3
20	4	4	4	3	3	3	3	4	4	3	4	****	4	3	3	4	5	6	6	6	7	7	7	6	4
21	5	4	4	4	4	5	5	5	4	3	3	4	4	3	3	3	2	3	2	2	2	1	1	0	3
22	0	D	D	0	D	D	1	3	2	2	1	1	1	2	3	3	3	4	3	4	4	3	2	2	2
23	2	1	D	D	0	0	1	2	2	1	4	5	5	4	****	5	6	5	4	4	4	3	3	3	3
24	3	3	3	2	2	2	2	2	2	1	1	0	D	D	1	1	1	1	2	2	1	1	1	1	1
25	1	1	1	D	D	D	1	D	0	1	D	D	D	1	1	2	2	2	2	1	2	2	1	2	1
26	1	D	0	1	D	D	1	3	3	2	1	1	2	2	2	3	3	****	3	2	2	2	2	2	2
27	1	1	1	1	0	1	1	2	2	1	1	1	1	1	1	1	1	2	2	3	3	4	4	4	2
28	4	4	4	4	4	4	4	4	7	7	8	6	8	7	6	6	8	9	9	9	8	8	8	8	6
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2.4

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 OON MILLS RO. NORTH YORK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	5	4	3	3	3	4	3	2	2	2	3	3	3	4	4	6	5	4	4	5	4	5	4
2	4	2	1	1	1	1	2	4	4	2	3	4	4	5	6	5	5	-	****	4	5	4	4	4	3
3	2	2	2	2	3	3	2	2	2	2	2	2	3	4	3	2	3	4	5	6	5	5	4	4	3
4	3	3	3	3	2	2	1	2	2	2	2	2	2	3	5	4	4	4	4	4	4	3	3	3	3
5	3	3	3	2	3	2	2	2	2	2	1	1	1	1	1	1	2	3	3	3	3	3	3	4	2
6	3	3	3	2	2	2	4	3	4	3	3	2	2	2	3	3	3	4	3	3	3	3	3	3	3
7	-	****	2	3	3	3	3	3	5	3	1	1	1	2	****	3	3	5	5	5	5	5	4	4	3
8	4	4	3	3	4	3	3	3	3	3	2	1	1	1	1	1	2	3	3	3	3	2	3	2	3
9	2	2	2	2	2	2	2	3	4	6	5	3	2	1	****	2	4	4	5	4	3	3	4	4	3
10	3	4	4	3	3	2	3	2	2	2	1	1	1	1	1	1	3	2	2	1	1	0	0	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
12	0	0	0	0	0	0	1	1	1	0	0	0	0	****	1	1	1	1	2	2	3	4	-	4	1
13	4	4	2	2	2	2	3	3	3	2	2	2	3	3	4	5	5	5	3	2	3	3	3	2	3
14	2	3	2	2	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	1	2	2	1	0	1	1	1	****	1	1	1	1	2	3	3	3	4	1
16	4	4	3	2	2	-	2	3	3	2	2	2	2	2	2	2	3	4	6	6	6	5	4	4	3
17	4	4	4	4	3	3	3	3	4	4	6	5	4	2	3	3	3	6	6	4	5	4	4	4	4
18	4	4	4	4	3	3	3	3	4	4	3	4	4	4	4	3	2	3	4	6	5	3	4	2	4
19	2	3	4	3	3	3	3	5	2	1	1	2	2	2	2	3	4	5	5	5	5	5	4	4	3
20	4	4	4	4	4	3	3	4	5	5	6	3	2	4	7	7	7	-	****	5	4	****	4	3	4
21	4	3	3	3	3	3	3	4	5	4	3	2	1	1	2	4	3	4	5	5	5	4	4	4	3
22	4	5	5	5	6	5	4	6	5	7	8	10	8	6	7	6	6	6	6	5	6	5	7	5	6
23	4	4	4	4	2	2	4	4	4	3	3	3	3	3	3	6	7	8	9	4	4	2	3	4	4
24	4	4	3	1	1	1	1	3	1	1	2	3	4	4	5	5	2	2	3	5	5	5	4	5	3
25	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
26	1	1	0	0	0	0	0	1	1	1	1	****	1	0	0	0	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	2	1	2	2	3	4	1
28	4	4	3	3	3	2	2	2	1	0	1	1	2	1	1	2	2	2	2	3	4	4	4	4	2
29	4	4	3	3	3	3	4	4	5	4	4	5	2	2	****	3	3	4	4	4	3	3	4	4	4
30	4	2	1	1	1	1	2	3	-	3	3	4	4	4	4	4	5	5	5	5	5	5	4	4	3
31	5	4	3	3	4	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	3	3	3	2	2	2	2	3	3	2	2	2	2	2	3	3	3	3	4	3	4	3	3	3	2.8

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 OON MILLS RD. NORTH YORK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1
2	0	0	0	0	0	0	1	2	2	3	3	****	3	4	3	3	4	4	4	3	4	2	2	1	2
3	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	2	4	3	3	3	3	1
4	3	3	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
5	3	2	1	1	1	****	1	3	-	-	1	1	1	****	2	2	2	3	4	4	3	2	1	1	2
6	1	1	0	0	0	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1
8	3	3	4	3	3	3	2	1	1	1	0	0	1	1	3	3	3	2	2	3	3	3	2	2	2
9	1	1	1	1	1	1	2	2	3	2	****	1	1	1	1	1	2	3	2	3	4	4	4	4	2
10	3	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	3	3	3	3	3	1
11	3	3	3	3	2	2	2	3	2	1	1	0	1	0	0	1	2	3	3	4	3	3	2	4	2
12	4	4	1	1	2	1	1	1	1	1	****	1	1	1	1	1	2	2	2	2	1	1	1	1	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	3	2	2	2	1	1
14	1	1	1	0	0	2	0	1	1	1	1	2	2	2	2	2	3	4	4	4	4	4	3	3	2
15	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	****	1	1	****	1	1	1	0
17	1	0	0	0	0	1	1	1	1	1	0	****	1	-	-	1	1	2	2	2	2	3	2	2	1
18	3	3	2	2	2	2	2	2	2	1	1	****	-	-	1	1	1	1	1	2	2	2	2	2	2
19	3	2	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	2	3	4	3	2
20	2	3	3	2	2	2	2	3	5	5	5	5	5	4	4	5	5	5	5	5	5	5	4	4	4
21	4	4	4	4	4	4	4	5	4	3	3	3	2	3	6	5	4	4	5	5	6	5	5	5	4
22	5	5	5	4	3	2	2	1	1	1	1	1	1	2	2	2	3	5	6	5	5	5	4	3	3
23	3	2	2	2	2	2	3	4	6	6	5	****	3	3	3	3	3	4	5	7	6	6	5	5	4
24	4	4	4	3	3	3	3	5	8	6	6	4	4	4	4	4	4	6	5	6	6	4	6	7	5
25	6	6	6	3	4	****	4	5	6	5	5	6	6	4	4	5	6	7	7	8	8	6	6	5	6
26	6	7	6	5	3	3	4	4	5	4	4	****	4	4	4	5	6	6	6	5	4	4	3	3	5
27	2	3	4	1	1	1	1	2	2	2	1	2	1	1	2	2	2	2	2	2	1	1	1	1	2
28	1	1	1	1	1	1	1	1	2	2	3	2	3	3	3	2	3	3	3	4	4	4	4	3	2
29	3	2	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	2	2	2	2	3	3	3	1
30	3	2	2	2	2	2	3	3	3	3	****	3	4	3	3	3	3	2	3	3	3	4	4	2	3
MEAN	3	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	2.2

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	2	2	****	1	1	1	1	1	2	2	2	2	2	3	4	3	3	3	2
2	2	2	2	2	2	2	3	4	3	3	3	2	1	1	1	2	5	4	4	4	4	4	3	3	3
3	2	2	1	1	1	3	3	3	3	3	****	4	4	5	5	5	6	6	5	3	2	2	2	1	3
4	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2
5	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	4	3	2	2	2	2	2
6	3	3	2	2	2	2	1	2	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	2
7	1	1	1	1	1	2	2	2	2	2	****	1	2	2	2	3	3	3	3	4	4	3	2	2	2
8	2	2	2	2	3	3	4	6	8	8	8	7	5	5	5	6	6	6	9	9	10	9	7	6	6
9	7	6	6	5	4	6	8	7	7	6	6	6	5	5	6	6	6	6	5	5	7	5	5	5	6
10	5	5	4	3	3	3	3	9	11	****	7	6	6	4	5	7	7	7	9	9	7	6	6	5	6
11	5	5	5	4	2	3	5	5	6	6	3	3	3	3	6	7	7	4	7	5	6	7	7	6	5
12	6	8	7	6	5	5	5	4	4	4	3	3	4	3	3	2	2	3	2	2	2	1	1	1	4
13	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	1	1	2	2	4	4	3	3	2	2
14	2	2	2	2	2	2	3	4	4	4	****	3	2	2	2	2	3	3	4	4	5	4	4	4	3
15	3	3	3	3	3	3	4	4	4	3	4	5	4	5	4	4	4	3	4	3	3	3	3	1	3
16	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	1	1	1	2	3	2	2	1	1
17	-	1	1	****	0	1	2	2	5	3	2	1	1	1	2	1	2	2	4	4	4	3	3	3	2
18	3	2	2	2	2	2	2	3	3	4	4	3	2	2	2	2	4	5	4	4	5	5	5	4	3
19	4	3	3	3	2	2	2	2	2	2	3	2	1	1	1	2	3	3	3	4	3	4	3	3	3
20	2	3	3	3	3	2	2	2	1	1	1	1	2	1	2	2	2	3	2	3	5	5	4	4	2
21	****	3	4	4	4	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	1	2	2	****	****	2	1	1	1	1	1	1	1	2	4	4	4	4	****	2
23	2	1	2	2	2	2	3	3	3	3	2	2	3	3	3	2	3	3	4	4	4	4	4	4	3
24	4	4	2	2	2	3	4	4	3	2	1	1	1	1	2	2	2	2	3	3	3	4	3	2	3
25	1	0	0	0	-	****	3	3	****	3	3	2	3	2	2	2	2	2	3	2	2	2	2	2	2
26	2	1	2	1	1	1	2	1	2	2	2	3	3	2	1	2	3	3	4	4	3	3	3	3	2
27	3	2	3	2	2	1	1	1	1	1	1	1	1	2	1	2	3	2	3	3	4	4	4	3	2
28	2	3	2	2	2	2	3	3	4	3	****	3	2	2	3	4	3	3	4	5	4	4	4	4	3
29	3	3	3	3	3	2	3	3	4	7	6	7	6	5	4	3	3	3	4	4	4	4	4	4	4
30	4	3	3	3	3	2	2	4	5	6	5	3	2	2	3	3	3	4	3	4	6	7	6	5	4
31	5	4	4	3	3	3	4	10	****	5	3	3	2	3	3	3	3	3	5	5	5	5	5	4	4
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	2	2	3	3	3	3	4	4	4	4	4	3	2.9

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	2	3	3	3	2	2	2	****	-	-	1	2	2	4	5	5	5	4	4	4	3
2	4	3	3	3	3	2	2	2	1	1	1	1	1	1	2	2	3	4	3	3	4	4	4	4	3
3	4	5	4	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	4	6	5	4	3
4	4	3	3	3	3	3	5	6	6	****	****	4	2	3	2	2	3	3	2	3	4	4	3	4	3
5	4	2	2	2	2	4	5	4	3	3	2	-	2	2	2	1	1	2	2	2	3	3	3	2	3
6	2	2	2	1	1	2	2	2	1	1	****	****	0	0	0	0	0	0	1	0	1	1	1	1	1
7	1	0	0	0	0	1	2	2	2	2	1	1	0	****	****	2	4	3	4	4	4	6	5	4	2
8	3	2	2	2	1	2	3	2	1	1	1	1	1	1	1	1	1	2	3	4	4	3	3	3	2
9	2	2	2	1	1	1	1	2	1	0	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1
10	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1
11	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	-	-	2	2	2	2	2	1
12	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	2	2	****	2	3	3	3	2	2
13	2	2	2	2	1	2	2	3	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2
14	2	2	2	2	****	2	****	****	4	3	****	2	2	2	2	2	2	3	4	4	4	6	7	6	3
15	4	4	4	4	4	5	7	6	6	5	****	****	3	3	3	4	4	4	3	3	4	4	4	3	4
16	3	2	2	2	2	2	3	3	2	2	2	1	2	2	2	2	2	3	3	4	4	4	5	6	3
17	5	5	5	4	4	3	3	3	3	3	2	2	2	2	1	1	2	2	3	3	2	2	3	2	3
18	2	2	1	1	1	2	2	2	2	****	****	1	2	3	3	5	5	6	6	6	6	5	5	4	3
19	3	3	2	2	2	2	3	4	3	2	2	1	2	2	2	2	2	2	2	3	4	4	4	4	3
20	4	3	3	3	2	3	4	4	3	3	4	4	4	4	4	5	3	3	3	5	6	5	6	5	4
21	4	3	2	2	2	3	6	7	6	4	3	3	3	2	3	3	3	3	4	6	6	6	5	4	4
22	3	3	3	3	2	3	4	6	6	****	4	3	3	2	2	2	-	2	2	2	2	1	1	1	3
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
24	1	1	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	1
25	2	2	2	2	2	2	3	3	3	1	****	1	1	1	2	2	-	3	2	4	4	4	3	3	2
26	3	2	2	2	2	3	4	7	5	4	3	2	2	2	****	3	3	3	3	5	6	6	7	5	4
27	4	3	5	4	4	5	5	5	6	7	5	5	4	5	6	6	5	5	5	4	3	4	4	4	5
28	4	4	4	3	3	4	4	4	5	4	4	4	****	3	2	2	2	3	3	4	5	5	5	4	4
29	4	3	3	3	2	4	5	5	4	4	4	3	2	2	3	5	4	3	3	4	5	5	5	-	4
30	3	2	2	2	2	2	2	3	2	2	3	3	3	2	2	-	2	4	3	4	4	3	3	3	3
MEAN	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	2.6

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLIDN

STATION - C NO 34D02 SC CTR 77D ODN MILL5 RD. NORTH YORK MDNTH - JUL 79

HDUR OAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	2	2	3	3	3	3	3	2
2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2
3	2	2	2	2	1	2	2	2	2	2	****	****	****	2	2	2	2	1	2	2	3	3	3	3	2
4	3	2	2	2	2	2	3	4	4	3	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2
5	2	2	1	1	1	2	2	2	1	1	1	****	****	2	2	2	2	2	2	3	3	3	3	3	2
6	3	3	2	2	2	2	3	4	4	2	1	1	1	1	1	2	2	2	2	2	3	3	3	3	2
7	3	3	2	2	2	2	2	3	6	7	5	3	2	2	2	2	2	2	2	3	4	4	4	4	3
8	4	3	3	3	2	2	2	3	3	4	2	2	2	2	2	2	2	2	2	4	6	6	5	5	3
9	4	4	4	3	3	3	4	6	5	4	4	3	****	2	2	2	3	4	4	5	6	6	6	6	4
10	3	2	2	2	2	3	3	3	3	3	3	-	3	2	2	2	3	3	5	6	5	4	5	4	3
11	4	3	3	2	2	2	3	4	4	4	4	4	4	3	3	3	5	4	5	6	4	5	5	4	4
12	3	3	3	3	2	2	3	4	4	****	2	2	1	3	3	3	3	3	3	3	3	4	5	4	3
13	4	4	3	3	3	3	3	5	3	2	2	2	2	1	1	1	1	2	2	3	4	4	4	4	3
14	4	4	3	3	3	3	3	4	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	4	3
15	4	4	3	3	3	3	3	2	2	2	2	2	2	1	1	2	2	2	2	3	4	4	3	3	3
16	3	3	2	2	2	2	3	4	2	2	****	3	4	3	2	3	2	1	1	2	2	2	2	2	2
17	2	1	1	1	1	2	2	-	2	2	2	2	2	1	1	2	3	4	3	3	2	3	2	2	2
18	2	2	2	1	2	2	2	3	2	2	1	2	2	2	2	2	2	2	3	4	5	4	3	3	2
19	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	4	5	5	4	3
20	4	4	4	3	3	3	3	5	6	6	5	5	3	2	2	2	2	2	3	4	5	5	5	5	4
21	****	4	4	3	3	3	4	6	4	3	2	2	2	2	2	2	2	2	2	3	5	6	6	5	3
22	6	5	5	5	4	4	-	4	3	2	2	2	2	2	1	1	2	2	2	3	4	4	6	5	3
23	****	5	5	4	4	4	4	6	7	6	4	2	2	2	2	2	2	2	2	2	3	2	2	2	3
24	3	2	3	2	2	3	3	3	3	4	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3
25	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	3	4	4	3
26	4	3	3	3	3	2	3	4	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	3	3	2	4	3	2	-	2	3	4	2	3	3	4	5	5	4	3
28	4	3	3	3	2	2	2	4	3	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3
29	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	6	6	5	5	3
30	4	3	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	3	3	3	3	3	2
31	2	2	2	2	3	4	4	4	4	4	3	3	3	4	4	3	3	3	4	4	4	4	4	4	3
MEAN	3	3	3	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	4	4	4	4	2.7

PERCENTAGE OF DATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE DF OATA UNAVAILA8LE - 0.5

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATIDN FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34D02 SC CTR 77D DON MILL5 RO. NORTH YORK MONTH - AUG 79

HDUR OAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	2	2	3	3	2	2	****	2	2	1	2	2	2	2	2	3	3	3	3	3	2
2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	2
3	3	3	2	2	2	1	2	5	5	4	3	3	3	2	3	3	4	2	2	3	4	5	4	4	3
4	3	5	4	4	3	3	3	4	4	3	4	3	2	2	2	2	2	3	3	4	6	5	4	4	3
5	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	4	4	4	3	2
6	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	2
7	2	2	2	2	2	1	2	2	2	2	2	3	****	****	2	3	3	4	4	3	3	2	2	2	2
8	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	2	2	2	2	2	3	3	3	3	2
9	2	2	2	2	2	1	2	2	1	2	2	2	2	****	3	3	3	3	4	4	4	3	3	3	2
1D	3	3	3	3	2	2	3	3	3	3	2	2	****	2	2	2	2	2	2	2	3	4	4	3	3
11	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2
12	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2
13	2	2	2	1	1	1	1	3	6	4	3	3	2	2	2	3	3	3	3	3	3	3	3	2	3
14	2	2	2	1	2	2	3	3	2	2	2	2	2	1	2	2	2	2	-	2	2	2	2	1	2
15	1	1	1	1	1	1	2	2	2	D	D	D	8	1	1	2	2	2	2	2	3	3	3	2	2
16	2	2	2	2	1	1	1	3	3	2	****	2	2	2	3	3	3	3	5	5	5	5	5	4	3
17	3	3	2	2	1	1	1	3	7	8	7	6	4	4	4	4	5	5	4	6	5	4	4	3	4
18	3	4	4	3	2	2	2	2	3	3	3	3	4	3	3	4	4	4	4	4	4	3	3	3	3
19	2	3	3	3	3	2	2	2	1	1	1	1	1	1	2	2	3	3	3	5	4	4	3	3	2
20	2	2	2	2	1	1	1	3	3	4	4	2	2	****	2	2	2	2	3	3	3	3	3	3	2
21	2	2	2	2	1	1	1	3	4	4	4	5	****	****	3	2	2	2	2	3	3	3	2	2	3
22	2	2	2	1	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	3	3	2
23	2	2	2	2	1	2	3	3	3	3	2	3	2	3	3	3	3	3	5	5	6	5	5	4	3
24	3	2	2	1	1	2	3	2	3	3	2	2	2	1	1	1	1	2	3	3	3	3	5	2	2
25	2	2	1	1	1	1	1	1	1	0	D	D	1	2	1	1	1	1	1	3	3	3	3	3	1
26	3	2	2	2	2	1	1	2	2	1	1	D	1	D	1	1	1	1	1	2	2	3	3	4	2
27	3	2	2	1	1	2	2	3	5	6	5	4	****	****	1	1	1	1	2	4	4	4	4	4	3
28	3	2	2	1	1	1	2	3	2	2	2	2	3	2	2	2	2	2	2	3	5	3	2	2	2
29	2	1	1	1	1	2	4	3	3	3	2	3	2	2	2	2	2	1	1	2	3	4	4	3	2
3D	3	3	2	2	1	2	3	3	2	****	3	3	2	D	D	0	0	1	2	3	3	3	3	3	2
31	2	2	2	1	1	1	2	2	1	1	0	0	0	0	0	1	1	1	3	3	3	3	2	2	1
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2.3

PERCENTAGE OF OATA VALIO - 98.3 PERCENTAGE DF DATA INVALIO - 1.6 PERCENTAGE OF DATA UNAVAILA8LE - 0.1

NOTES 1. "****" INDICATES INVALID OATA OUE TO INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	0	1	2	4	3	3	2	1	1	1	1	1	2	3	3	3	4	2	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	2	2	2	3	1
3	2	3	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
4	1	0	0	1	1	1	1	1	2	****	****	1	1	1	1	1	1	1	2	3	3	3	2	2	1
5	1	1	1	1	1	2	2	2	2	2	1	1	1	1	2	3	3	3	4	5	5	4	5	5	2
6	4	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2	1	2
7	2	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1	1
9	1	1	1	1	1	1	0	1	2	1	1	1	1	1	0	0	1	1	2	1	2	3	3	4	1
10	4	3	3	2	2	2	4	3	2	1	2	3	3	****	3	3	4	3	1	2	2	2	2	2	3
11	2	1	1	1	1	1	1	2	2	1	1	1	1	2	2	-	3	4	5	4	4	3	2	2	2
12	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1
13	2	3	2	2	1	2	3	4	2	2	2	1	1	****	2	2	2	4	5	5	3	2	2	2	2
14	1	1	1	1	1	2	4	3	3	2	1	1	1	1	0	1	1	1	2	2	2	1	1	1	1
15	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	2	3	3	3	3	1
16	4	3	3	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	3	5	5	4	4	3	3
17	3	2	3	4	3	3	3	4	5	4	4	3	3	3	2	3	3	3	4	5	3	4	4	4	3
18	2	1	2	3	3	2	4	3	5	3	****	3	3	2	2	2	2	2	2	2	****	1	1	0	2
19	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	1	****	3	3	3	2	2	2	1
20	1	1	1	1	1	1	1	2	6	3	****	1	1	1	2	2	3	4	3	5	4	4	5	5	3
21	4	4	3	3	3	4	4	4	4	4	3	3	2	2	1	1	2	2	3	2	****	2	2	2	3
22	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	2	2	2	2	2	1
23	2	2	2	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	2	2	2	1	1	1	1
24	1	1	1	1	0	1	1	2	3	1	1	1	****	****	2	2	3	4	5	4	4	3	3	2	2
25	2	2	2	1	1	1	1	4	4	4	4	4	4	3	3	4	5	3	5	5	5	5	4	4	3
26	4	3	1	1	1	2	2	3	3	2	2	1	1	3	3	3	4	6	5	4	4	3	2	2	3
27	2	1	1	1	1	1	1	2	5	10	7	7	****	****	3	2	4	4	6	5	4	4	4	3	4
28	3	3	2	2	2	2	2	4	4	3	3	2	2	3	4	4	3	3	4	4	4	4	4	4	3
29	4	4	4	4	3	3	3	3	4	4	3	3	1	3	2	1	1	3	3	3	3	2	-	2	3
30	3	3	2	2	2	2	3	3	4	4	3	3	2	3	2	2	2	3	5	5	5	3	2	2	3
MEAN	2	2	2	2	1	2	2	2	3	2	2	2	1	1	1	2	2	2	3	3	3	3	2	2	2.0

PERCENTAGE OF OATA VALID - 97.9 PERCENTAGE OF OATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	3	3	2	3	****	3	2	3	2	2	2	3	3	3	3	3	4	3	2
2	3	3	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	2	3	2	2	1	1	2
3	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	3	3	3	2	2	2	3	3	3	2
4	1	1	1	1	1	3	3	4	3	3	****	4	3	3	3	3	3	3	2	2	2	2	2	2	2
5	2	2	2	2	1	1	2	2	3	3	3	3	3	3	3	3	3	2	4	3	2	2	2	2	2
6	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	1
7	2	2	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1
8	1	-	1	1	1	1	1	1	1	0	0	0	1	1	1	1	2	2	3	3	2	2	2	1	1
9	1	1	1	1	1	1	2	2	1	1	-	****	0	0	1	1	2	3	2	2	2	-	1	1	1
10	1	1	-	1	1	****	1	3	4	3	2	1	1	1	1	2	2	3	3	3	3	3	3	3	2
11	3	3	2	2	2	1	2	3	4	6	5	2	1	****	****	2	3	2	3	3	3	2	2	2	3
12	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	3	3	3	3	2	2	3	2	2	2
13	1	1	1	1	1	1	2	1	1	1	1	1	0	1	0	1	1	1	2	2	2	1	2	2	1
14	2	2	1	2	1	2	2	1	1	0	0	0	1	1	1	0	1	2	2	3	3	3	3	2	2
15	2	2	2	2	2	2	3	-	3	****	****	3	3	3	2	2	3	3	3	3	3	3	3	3	3
16	2	1	1	1	1	2	2	2	2	1	1	-	1	1	1	1	2	2	3	3	3	2	2	2	2
17	2	2	2	2	1	1	1	-	-	3	3	3	4	****	****	5	5	4	5	4	3	3	3	2	3
18	3	3	2	1	2	2	2	2	2	1	1	1	****	1	2	2	3	2	3	3	2	1	1	1	2
19	2	2	2	2	1	2	3	2	2	2	2	2	3	3	4	-	-	6	6	5	3	4	4	3	3
20	4	5	4	3	3	4	3	3	3	3	2	2	2	2	3	3	4	4	4	5	5	3	3	3	3
21	3	2	2	3	2	2	2	3	2	2	2	1	2	2	2	2	2	3	4	4	5	4	4	4	3
22	4	3	3	3	3	3	3	4	4	4	3	2	****	2	2	3	5	5	4	5	4	4	3	4	3
23	3	2	1	1	2	4	3	3	3	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
24	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	-	1	1	1
25	1	0	0	1	1	1	2	2	1	0	0	0	0	1	1	1	2	2	2	1	2	1	1	1	1
26	1	1	1	1	1	1	2	3	2	****	2	1	1	-	1	1	1	2	1	1	2	1	1	1	1
27	2	1	1	0	1	1	2	2	2	2	2	1	1	1	2	2	2	2	3	2	1	1	1	1	2
28	2	2	1	1	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
29	1	0	0	0	0	0	1	2	2	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	1
30	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2
31	2	1	1	1	1	1	2	2	2	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	******
MEAN	2	2	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	3	3	3	2	2	2	2	1.9

PERCENTAGE OF DATA VALIO - 95.4 PERCENTAGE OF OATA INVALIO - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - NOV 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA INVALID -													
2	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	2	3	3	3	3	3	3	3	3	******
3	3	3	2	2	1	1	1	1	2	3	2	3	3	2	3	3	2	3	3	3	3	3	2	-	2
4	2	2	2	2	2	2	1	2	1	1	0	0	1	1	1	1	1	2	2	2	2	2	2	1	1
S	1	1	1	2	1	1	1	2	2	1	1	****	1	2	2	2	3	3	3	3	3	3	2	2	2
6	2	2	2	1	1	1	2	1	3	3	3	3	3	3	3	3	2	3	3	3	3	2	2	2	2
7	2	2	2	1	1	0	1	2	2	1	1	0	1	1	1	2	2	2	2	2	1	1	1	2	1
8	2	2	2	2	1	-	****	1	1	1	2	2	2	2	****	2	2	3	3	3	3	2	3	2	2
9	2	2	1	1	1	1	1	2	2	3	3	3	2	2	2	2	2	2	2	-	2	2	2	2	2
10	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
11	1	2	-	2	2	2	1	2	1	1	1	2	-	2	1	2	1	2	2	3	3	3	3	3	2
12	2	1	1	-	1	1	2	3	3	2	2	1	1	2	3	3	3	3	3	3	3	3	2	3	2
13	3	3	3	S	4	2	3	2	2	2	2	****	2	1	1	1	2	3	3	2	2	3	3	3	2
14	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	2	2	3	3	3	3	3	2	3	2
15	3	2	2	3	3	3	3	3	3	3	2	3	2	2	2	3	3	2	2	2	2	2	1	1	2
16	0	0	0	0	0	1	2	3	2	2	2	2	1	1	2	2	3	3	4	4	3	4	4	4	2
17	4	3	3	3	3	3	3	3	3	3	S	3	2	3	3	4	6	S	4	4	4	3	3	3	3
18	4	4	4	S	S	4	3	4	3	4	3	2	3	4	3	4	3	3	4	4	4	3	2	2	4
19	3	2	2	2	2	2	4	3	2	2	2	1	2	2	3	3	3	3	3	3	4	4	3	4	3
20	3	4	3	3	3	2	2	3	4	3	3	2	2	2	2	2	3	3	2	2	2	1	1	1	2
21	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	3	4	4	4	4	4	4	-	4	4	4	4	4	3	3	3	4	3
23	3	3	2	2	3	3	3	3	3	3	3	4	4	4	4	S	4	3	4	4	4	4	3	3	3
24	3	3	3	2	1	1	1	2	2	2	1	1	1	1	1	2	2	3	3	3	3	****	3	3	2
25	3	2	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	2	2	1	1	1	1	1
26	1	1	1	1	2	1	2	2	2	2	2	****	****	0	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
28	3	2	2	2	1	1	2	1	1	1	0	0	0	1	1	1	2	2	2	2	2	2	1	1	1
29	1	1	1	1	1	1	1	1	1	1	0	2	1	1	1	1	-	****	2	2	2	2	2	2	1
30	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2.1

PERCENTAGE OF OATA VALIO - 92.8 PERCENTAGE OF OATA INVALIO - 6.0 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	****	2	2	2	2	2	2	1	1	2
2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	3	3	3	3	3	3	3	1
3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	****	1	****	2	3	4	3	3	2	2	2
4	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	3	3	2	3	2	3	2
5	3	3	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	3	3	2	2	3	2	3	2
6	3	2	2	2	2	2	3	3	3	3	2	2	3	3	2	2	2	3	2	2	2	2	2	2	2
7	2	2	2	2	2	2	3	2	3	2	1	1	1	1	2	2	3	2	2	2	2	2	2	1	2
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	****	2	1	1	1	2	1
9	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
10	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	3	2	3	3	3	3	4	2
11	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	4	4	S	4	4	4	3	3	3
12	3	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	0	1	1	1	1	2	2	2	2	1	2	2	****	3	3	3	3	3	3	4	3	1	2
14	2	1	2	2	2	3	2	2	2	2	1	1	1	****	1	1	2	2	2	2	2	2	1	2	2
15	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	2
16	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	1	1	2
17	0	0	0	0	0	1	2	3	3	****	3	1	1	1	****	2	2	3	3	3	2	2	2	2	2
18	2	2	1	1	1	1	2	3	2	1	1	1	2	2	2	3	4	3	3	3	3	3	3	2	2
19	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	4	4	4	S	3
21	6	6	7	8	10	8	7	6	6	8	5	1	1	2	****	3	4	4	3	4	5	3	3	4	S
22	3	3	3	3	2	2	3	2	3	3	3	3	2	3	3	3	3	3	3	4	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2
25	2	2	2	2	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1
27	1	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	2	2	2	1	1	1	1	1	1
28	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
29	2	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2	3	2	2	2	2	2	3	2
30	3	2	2	2	2	1	1	1	2	1	1	0	0	0	1	1	2	3	2	2	3	2	2	3	2
31	2	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	3	3	3	3	3	3	2	-	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2.2	4	6
FEB	28	2.4	6	9
MAR	31	2.8	6	10
APR	30	2.2	6	8
MAY	31	2.9	6	11
JUN	30	2.6	5	7
JUL	31	2.7	4	7
AUG	31	2.3	4	8
SEP	30	2.0	4	10
OCT	30	1.9	3	6
NOV	28	2.1	4	6
DEC	31	1.9	5	10
YEAR	361	2.3	6	11

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	200	399	105	0	0	0	0	704
FEB	245	248	146	18	0	0	0	657
MAR	190	297	228	13	0	0	0	728
APR	313	240	140	8	0	0	0	701
MAY	150	358	185	33	1	0	0	727
JUN	170	335	177	6	0	0	0	688
JUL	58	510	160	2	0	0	0	730
AUG	163	472	92	4	0	0	0	731
SEP	301	295	106	3	0	0	0	705
OCT	274	388	48	0	0	0	0	710
NOV	198	414	56	0	0	0	0	668
DEC	250	452	26	6	0	0	0	734
YEAR	2512	4408	1469	93	1	0	0	8483

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
96.8	0	0.2	1.0	1.7	2.5	3.8	4.5	5.5	6.2	11	2.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	-	1	2
3	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2	2	3	2	2	3	2	2	2	2	2
4	2	2	2	2	2	2	2	3	3	3	3	3	2	1	2	2	3	3	3	3	3	2	2	2	2
5	1	1	1	1	2	2	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3	****	3	3
6	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
8	2	2	3	2	3	3	3	3	3	3	3	****	1	****	1	2	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	****	2	2	2	2	3	3	3	3	****	2	3
11	2	2	3	2	3	3	3	S	5	4	4	3	2	2	2	2	3	3	3	-	-	4	4	4	3
12	4	4	3	3	3	3	3	3	3	3	3	4	3	3	3	3	4	4	-	-	5	4	4	4	3
13	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3
14	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2
1S	1	1	1	1	1	1	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	2
16	3	3	3	3	2	3	3	3	3	3	2	2	2	2	2	3	3	4	4	4	4	4	4	4	3
17	5	S	S	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	3	3	2	3	4
18	3	2	1	1	2	1	1	2	2	2	-	-	1	1	1	2	2	3	3	3	3	3	3	3	2
19	2	3	3	3	3	3	3	3	3	4	4	4	-	3	4	3	3	3	3	3	3	3	3	3	3
20	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	1	2	1	1	1	2
22	1	1	1	0	1	-	2	2	2	3	2	2	2	2	2	2	2	****	2	2	3	3	3	3	2
23	3	2	2	3	3	3	3	3	3	3	4	3	3	3	****	****	4	4	3	4	4	4	4	4	3
24	3	3	3	3	3	3	3	3	7	-	****	2	3	3	3	3	3	3	3	3	3	3	2	2	3
25	2	2	3	2	2	1	2	3	2	2	3	3	3	2	2	2	3	2	3	2	2	2	2	1	2
26	1	1	1	1	1	1	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2
27	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
28	2	2	2	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	0	0	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	1	1	1	1	1
30	1	1	1	1	1	1	1	2	3	3	2	1	2	2	****	1	1	-	3	3	1	1	1	1	2
31	2	2	2	1	1	1	1	1	1	2	1	1	1	0	0	0	1	1	0	0	1	1	1	2	1
MEAN	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2.3

PERCENTAGE OF DATA VALID - 96.S PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	0	0	0	1	1	0	0	0	1	1	10	****	2	2	2	2	2	1	1	1
2	1	1	1	1	1	1	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
1S												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28												- DATA INVALID -													
MEAN	2	2	1	1	1	1	1	1	2	2	1	0	0	1	1	10	****	2	2	2	2	2	1	1	1.4

PERCENTAGE OF DATA VALID - S.1 PERCENTAGE OF DATA INVALID - 94.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINISTRY OF THE ENVIRONMENT - AIR RESDURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATIDN - C NO 34007 BATHURST/WILSON, NORTH YDRK MDNTH - MAR 79

HDUR / DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
1D												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
2D	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	2	2	-	****	5	5	****	4	4	******
21	4	4	3	4	4	4	4	4	5	6	5	5	5	5	6	7	7	7	7	6	6	6	6	6	5
22	6	7	6	6	5	4	4	4	4	5	7	10	13	16	12	1D	7	7	7	6	6	7	7	7	7
23	7	6	6	5	5	5	5	5	5	6	6	6	****	9	9	1D	10	11	10	9	7	6	6	6	7
24	5	5	5	4	3	3	4	4	4	4	4	5	5	6	5	5	6	6	6	5	5	4	4	4	5
25	3	3	2	2	1	1	1	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	1	2
26	1	1	0	D	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	2	2	2	2	******
27	2	1	1	1	1	1	2	2	3	2	1	1	1	1	1	2	1	2	2	3	2	3	4	4	2
28	4	4	4	5	5	6	7	7	5	5	6	6	6	5	6	5	6	5	6	5	5	6	5	4	5
29	4	4	4	4	4	4	5	5	6	6	5	4	2	2	2	3	4	4	5	6	4	4	5	4	4
3D	5	3	2	2	2	3	3	3	-	3	4	4	4	5	4	6	6	6	6	6	6	6	6	5	4
31	6	5	4	5	5	5	4	5	4	3	2	2	1	1	2	2	2	2	2	2	2	2	1	1	3
MEAN	4	4	3	3	4	4	4	4	4	4	4	5	4	5	5	5	5	5	5	5	4	4	4	4	4.3

PERCENTAGE OF DATA VALID - 34.7 PERCENTAGE OF DATA INVALID - 65.1 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRDGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLION

STATION - C ND 34DD7 BATHURST/WILSON, NORTH YDRK MDNTH - APR 79

HDUR / DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3
2	3	2	2	1	2	2	2	3	3	3	4	****	4	5	5	5	5	6	5	5	5	3	2	2	3
3	1	1	1	0	0	1	2	2	3	2	1	1	1	1	****	1	1	2	3	4	3	3	3	3	2
4	4	3	3	3	3	4	4	4	4	4	2	****	4	4	4	4	4	4	4	4	3	3	3	4	4
5	4	2	1	1	1	****	3	4	-	-	2	2	2	3	3	5	5	5	5	6	5	4	4	4	3
6	3	3	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
7	1	1	1	D	D	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	1
8	4	4	4	4	4	4	2	2	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4
9	3	3	3	3	3	4	4	4	4	3	2	1	1	2	****	2	2	4	4	4	4	5	5	4	3
1D	4	3	3	2	2	2	3	4	3	2	1	1	2	2	2	2	3	4	4	5	4	4	5	4	3
11	4	5	5	3	3	3	3	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5
12	5	5	4	4	4	4	4	4	4	5	4	4	****	5	5	5	5	6	6	6	5	6	6	5	5
13	5	4	3	3	2	2	3	4	4	4	4	5	5	5	5	5	4	5	5	5	5	4	4	4	4
14	3	4	4	3	2	3	3	3	3	2	2	4	5	6	6	7	7	7	7	6	6	6	5	5	5
15	4	3	2	1	1	1	1	0	D	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
16	1	0	D	D	D	D	1	2	2	2	1	1	1	1	2	2	2	****	2	2	****	2	2	1	1
17	1	1	2	1	2	2	2	3	3	2	1	1	1	-	-	1	2	2	3	4	2	3	4	3	2
18	2	3	4	4	3	3	3	3	3	1	1	****	-	-	1	1	1	2	2	3	3	1	1	1	2
19	1	1	1	3	2	2	2	3	2	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2
2D	3	2	2	2	2	4	4	4	5	5	5	4	9	9	7	8	8	8	8	8	7	7	6	6	6
21	7	7	6	6	7	8	8	7	7	7	7	7	8	8	8	8	7	8	7	7	7	7	7	7	7
22	7	6	6	4	2	1	1	1	1	1	1	1	1	1	1	1	4	6	7	7	7	6	4	4	3
23	4	3	4	3	3	4	5	5	6	8	8	7	7	8	****	8	7	8	8	8	8	7	7	6	6
24	6	6	5	4	4	5	5	7	9	11	11	9	10	8	8	9	9	12	11	10	9	9	9	8	8
25	8	8	7	7	6	****	6	6	7	6	6	8	8	****	1D	11	12	12	12	11	11	1D	1D	9	9
26	8	8	7	5	4	5	5	5	5	6	6	6	6	6	6	6	6	6	7	6	6	5	5	5	6
27	5	4	3	1	D	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	2
28	1	1	1	0	D	D	D	1	2	3	3	3	3	3	4	4	4	4	4	4	5	4	4	3	3
29	3	2	1	D	D	1	1	1	1	1	1	1	1	4	5	5	6	5	5	5	4	4	3	3	3
3D	2	3	2	3	3	3	4	5	4	4	4	5	5	****	5	5	6	3	3	3	4	4	4	3	4
MEAN	4	3	3	2	2	3	3	3	3	3	3	3	4	4	4	4	4	5	5	5	5	4	4	4	3.7

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TD INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - C NO 34D07 BATHURST/WILSON, NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	D	1	2	2	1	1	1	1	2	1	2	2	2	2	2	3	4	3	3	3	2
2	3	4	4	4	4	4	4	4	4	4	6	6	5	6	6	6	6	7	6	5	5	5	5	5	5
3	5	4	4	4	5	5	5	4	4	4	5	4	5	5	5	5	6	6	5	2	1	1	1	1	4
4	1	1	1	1	1	3	3	3	2	2	2	2	2	2	2	3	-	2	2	2	2	2	1	2	2
5	2	1	1	1	1	2	3	1	1	1	1	1	3	5	5	5	6	5	5	4	1	2	2	2	3
6	3	3	3	3	3	3	3	3	3	4	4	5	5	4	4	4	5	5	4	5	4	4	5	4	4
7	4	3	3	3	4	4	5	5	5	5	6	6	6	****	7	8	8	8	8	7	6	6	5	5	6
8	5	4	4	5	5	5	6	6	9	9	9	9	10	10	1D	11	11	11	11	11	1D	10	9	9	8
9	8	7	7	7	7	6	6	7	8	8	9	9	6	6	6	7	5	7	6	5	5	6	6	5	7
1D	5	5	5	5	4	5	5	7	8	8	10	12	11	9	12	14	11	10	9	9	8	7	6	6	8
11	6	5	6	5	5	5	5	5	7	9	10	****	11	10	11	10	12	1D	9	10	8	8	8	7	8
12	7	7	7	4	1	3	5	6	5	4	3	2	2	2	2	2	2	2	1	1	1	1	1	1	3
13	1	1	D	0	0	D	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	4	4	1
14	3	2	4	4	4	5	5	5	5	6	6	7	7	5	7	7	6	5	6	6	6	6	6	6	5
15	5	5	5	4	3	4	5	4	4	5	5	7	7	6	6	5	6	4	3	5	3	3	1	2	4
16	2	1	D	0	D	2	2	2	2	1	1	1	1	1	1	1	2	1	1	2	3	4	3	3	2
17	-	3	2	****	2	3	4	5	6	8	7	6	7	****	7	6	7	8	8	7	5	5	5	4	5
18	5	4	4	4	4	4	5	5	7	6	9	8	9	1D	11	11	1D	9	8	7	8	8	8	8	7
19	8	7	7	6	5	5	4	5	4	5	5	5	6	6	6	6	6	5	5	5	5	5	4	4	5
2D	4	4	4	3	3	4	4	5	5	5	5	6	7	7	7	8	11	8	8	8	8	7	7	7	6
21	****	6	5	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	1	1	D	0	1	2	3	4	4	4	4	4	****	5	5	6	6	6	5	5	5	5	5	****	4
23	5	5	5	4	4	4	4	4	4	3	5	5	6	7	7	8	7	6	7	6	7	6	6	6	5
24	5	2	1	1	2	1	3	3	2	2	2	3	4	****	4	5	5	5	5	5	5	5	3	1	3
25	D	D	0	0	-	****	2	2	2	2	2	2	3	2	2	3	3	2	2	1	2	2	2	3	2
26	3	3	3	3	3	3	2	2	2	3	3	3	5	6	6	6	5	5	5	6	5	5	4	4	4
27	4	4	3	3	3	2	3	3	3	4	4	4	5	5	6	7	7	6	6	6	6	6	5	5	5
28	5	5	5	4	4	4	3	4	5	5	5	7	****	****	5	6	7	6	5	5	5	5	4	4	5
29	4	4	4	4	4	3	3	4	4	4	3	4	4	6	6	6	6	6	4	3	3	4	5	4	4
30	4	4	3	3	3	3	3	3	4	5	3	2	3	****	8	10	11	12	13	15	13	11	9	9	7
31	11	11	9	8	8	8	11	11	11	13	9	8	9	9	9	8	8	8	8	8	8	7	7	7	9
MEAN	4	4	4	3	3	4	4	4	4	5	5	5	5	5	6	6	6	6	5	5	5	5	5	4	4.7

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - C NO 34D07 BATHURST/WILSON, NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	4	5	6	6	6	7	6	7	8	****	-	-	7	8	8	7	7	7	7	7	6	6	7
2	5	5	5	4	1	1	1	2	1	1	1	1	1	1	3	7	7	8	7	6	6	6	5	5	4
3	5	5	3	1	2	3	3	4	5	6	7	7	8	9	5	5	8	8	8	7	7	7	7	7	6
4	8	7	7	7	7	7	7	8	10	11	11	11	9	9	1D	11	1D	1D	5	7	8	7	6	6	8
5	5	4	4	4	4	5	6	4	3	4	2	-	2	2	2	2	2	1	1	2	2	1	2	2	3
6	1	1	2	2	3	2	3	4	3	3	4	3	4	****	4	4	4	4	4	4	4	4	4	4	3
7	4	4	4	3	4	4	4	5	6	7	1D	11	11	12	5	****	11	11	12	11	9	9	8	6	7
8	7	6	5	5	4	4	5	5	4	5	6	6	6	6	8	8	8	7	6	6	6	6	6	6	6
9	5	5	5	4	3	3	3	4	6	7	6	7	8	8	8	8	1D	9	8	8	6	6	6	6	6
1D	6	6	5	5	4	4	4	3	3	3	4	6	6	6	6	6	6	6	5	5	3	3	1	1	4
11	1	1	1	0	1	2	2	2	1	1	1	1	1	****	1	1	1	-	-	2	2	2	2	2	1
12	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	1	****	3	3	3	3	2	2
13	2	2	2	2	1	2	2	3	2	1	1	1	1	****	****	1	1	1	1	1	3	4	4	4	2
14	4	4	3	3	****	3	****	****	6	6	5	6	****	****	7	7	8	8	8	1D	1D	9	9	8	7
15	8	8	7	6	6	6	6	6	6	6	****	****	5	5	5	10	9	8	7	7	8	6	5	4	7
16	4	5	3	3	3	5	5	2	1	1	1	1	1	2	5	9	1D	10	1D	10	9	8	6	7	5
17	7	7	7	7	6	7	7	7	7	8	8	9	9	8	9	9	9	9	7	5	1	3	1	1	7
18	0	0	D	D	0	0	1	1	1	1	****	1	3	3	5	4	4	3	2	3	5	5	3	3	2
19	3	2	1	1	1	2	3	4	5	5	5	6	5	5	5	5	5	5	5	5	5	5	5	5	4
20	5	5	5	5	5	5	5	5	5	6	6	8	8	9	8	8	9	8	7	8	8	8	7	7	7
21	6	5	5	5	6	6	6	6	5	6	5	5	5	6	7	8	8	8	8	7	7	7	7	6	6
22	5	2	5	4	4	4	5	5	6	7	5	2	2	2	2	1	-	1	1	1	1	1	1	1	3
23	1	1	1	D	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
24	2	1	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1
25	2	1	1	1	1	2	3	3	3	3	3	4	4	4	5	5	-	5	6	4	4	4	4	4	3
26	5	4	5	4	4	4	5	5	7	6	6	6	7	7	****	8	9	8	8	8	8	8	8	7	6
27	6	6	6	6	5	6	6	7	6	6	7	7	6	6	7	8	7	7	6	6	6	3	3	3	6
28	3	4	3	2	4	4	4	4	4	2	****	7	9	9	9	11	12	12	1D	9	8	7	7	6	7
29	6	5	5	4	4	4	4	5	6	6	8	9	9	9	7	6	6	6	5	6	5	5	5	-	6
3D	5	4	4	4	4	4	4	4	4	4	5	5	6	6	6	-	6	6	6	6	5	5	5	5	5
MEAN	4	4	4	3	3	4	4	4	4	4	5	5	5	5	5	6	7	6	6	6	5	5	5	4	4.7

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	3	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	4	3	3	3	3	4
2	3	3	3	3	3	2	1	1	0	0	0	0	1	0	1	1	1	1	1	1	2	2	1	1	1
3	1	1	0	0	1	1	2	2	2	****	****	1	1	1	1	1	1	1	1	1	3	3	3	3	1
4	3	2	2	1	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2
5	3	1	0	0	0	1	1	2	1	1	****	****	1	1	1	1	1	1	1	2	3	3	2	2	1
6	1	1	1	1	3	3	3	4	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
7	2	3	3	3	3	3	4	4	2	4	6	6	6	6	6	6	6	7	6	6	6	5	4	4	5
8	4	3	3	1	1	2	1	1	2	6	6	7	7	6	7	8	9	8	8	7	7	7	7	7	5
9	7	7	7	6	5	5	6	8	8	9	****	10	10	10	9	10	10	10	10	9	9	9	9	8	8
10	7	6	4	4	5	5	5	5	5	4	4	-	4	6	7	8	8	6	6	6	6	5	4	4	5
11	4	4	1	1	3	4	4	4	3	2	6	11	16	18	18	15	9	6	7	7	7	6	6	6	7
12	5	5	4	4	3	4	6	6	3	2	1	1	****	****	10	13	11	10	9	9	8	8	8	7	6
13	6	5	4	4	2	3	4	5	7	8	8	10	10	10	10	8	8	7	7	8	8	7	7	7	7
14	6	5	4	4	3	3	5	6	7	7	8	9	9	9	10	10	10	9	11	10	9	7	6	5	7
15	5	5	5	5	4	4	6	5	3	3	6	9	8	5	6	6	4	6	6	6	6	4	3	3	5
16	3	3	3	3	3	3	4	4	2	1	1	1	1	5	6	5	1	1	1	1	1	1	1	1	2
17	0	0	0	0	0	1	1	-	2	2	2	2	2	2	6	7	6	3	2	2	1	1	1	1	2
18	1	0	0	0	1	1	2	2	2	2	2	2	2	1	1	1	5	8	6	3	3	2	2	3	2
19	2	2	1	2	2	2	3	3	5	4	2	4	5	7	7	8	8	8	8	8	7	7	7	7	5
20	6	4	3	3	3	4	5	4	7	10	11	11	****	****	8	7	9	10	10	9	9	8	8	7	7
21	****	5	6	5	4	5	5	6	7	7	8	9	9	9	10	12	10	11	10	10	11	10	8	6	8
22	5	5	4	3	1	6	-	6	3	6	7	1	2	0	1	0	0	7	9	11	10	9	7	4	5
23	****	5	3	4	4	6	6	7	8	10	13	12	10	****	19	19	18	17	16	15	13	13	13	11	11
24	6	6	6	4	7	7	8	8	8	10	12	14	13	15	14	14	13	9	7	7	8	9	8	6	9
25	5	4	6	5	5	4	4	4	4	5	5	6	7	8	10	10	11	10	9	8	7	7	6	6	7
26	5	5	5	5	4	5	6	5	5	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3
27	1	1	1	1	2	3	3	3	3	4	7	9	10	-	9	14	16	16	13	13	12	13	12	9	8
28	7	8	6	6	6	6	6	7	8	8	7	9	10	9	6	7	7	4	2	2	3	3	3	4	6
29	4	4	3	2	2	2	3	2	1	4	5	5	4	3	12	14	14	15	15	13	10	11	6	4	7
30	4	4	2	1	2	4	4	5	8	9	12	14	12	10	11	13	14	13	12	13	12	10	10	10	9
31	7	7	7	6	7	8	7	9	9	11	10	****	****	12	14	13	11	9	7	5	3	4	5	4	8
MEAN	4	4	3	3	3	4	4	4	4	5	6	6	6	6	7	8	7	7	7	6	6	6	5	5	5.3

PERCENTAGE OF OATA VALID - 97.6 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	2	1	1	1	2	4	5	5	6	5	7	7	7	8	9	8	7	7	8	7	7	7	7	6
2	6	5	5	6	6	6	6	7	7	4	****	****	****	2	2	2	2	1	1	3	4	3	3	3	4
3	3	3	3	3	3	3	5	5	8	7	7	8	8	9	10	10	8	4	2	4	8	8	7	7	6
4	6	6	5	4	4	4	3	2	2	4	7	10	10	9	9	8	9	9	7	3	3	4	4	4	6
5	4	3	2	2	2	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	2	4	3	3	2
6	2	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	2	4	4	3	3	1
7	3	3	3	3	3	3	3	3	3	3	3	4	****	4	5	7	10	9	4	3	1	2	1	1	4
8	2	1	3	3	3	3	3	3	3	3	****	****	3	3	2	1	1	2	2	1	2	3	3	2	2
9	2	2	3	1	1	2	2	2	3	3	3	3	4	****	4	4	4	3	4	4	3	4	3	3	3
10	3	3	3	2	2	2	2	3	3	4	3	1	****	1	1	2	2	2	1	2	3	2	2	2	2
11	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
12	2	2	1	1	1	1	2	2	2	3	3	3	3	3	4	3	4	4	4	3	4	3	4	4	3
13	3	3	4	3	3	3	3	5	6	6	5	6	6	4	6	6	7	6	6	5	5	****	****	****	5
14	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	****	****	****	****	****	****
15													- DATA INVALIO -												
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	7	8	8	7	7	8	7	4	3	******
17	3	4	3	3	2	2	3	4	5	6	6	6	5	5	6	6	6	5	5	5	5	5	5	5	5
18	5	6	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	4	4	4	4
19	4	4	4	3	2	2	2	1	1	1	1	1	1	0	1	5	8	8	8	9	8	4	3	3	4
20	3	3	2	2	2	2	2	3	3	3	4	9	8	7	6	8	8	6	5	4	4	4	4	3	4
21	3	3	3	4	3	3	3	3	2	4	4	4	10	11	9	8	6	5	4	4	4	4	3	2	5
22	2	2	1	1	2	2	2	3	3	4	4	5	6	6	6	7	6	5	S	4	4	4	3	3	4
23	3	3	3	3	3	3	4	4	4	4	4	5	5	****	5	5	6	7	8	7	6	6	5	5	5
24	4	3	3	3	3	3	3	3	4	5	5	5	5	6	6	5	6	6	6	6	6	6	6	6	5
25	5	2	1	1	1	2	2	2	1	1	1	1	3	4	5	5	5	5	5	3	3	2	3	3	3
26	3	3	2	1	1	2	2	2	3	3	4	4	5	5	5	5	5	4	4	5	5	5	5	4	4
27	5	5	3	3	1	2	4	5	6	7	****	9	8	9	8	9	8	7	7	6	6	5	5	5	6
28	5	4	4	4	4	3	3	4	5	5	5	6	6	7	7	8	8	7	6	6	5	5	6	5	5
29	5	5	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	4	5
30	4	4	4	4	3	3	3	4	5	5	5	5	3	****	1	1	2	2	2	3	3	4	3	3	3
31	2	2	1	1	3	2	4	3	3	3	4	4	4	4	5	5	5	5	5	4	4	4	4	4	4
MEAN	3	3	3	3	2	3	3	3	4	4	4	4	5	5	5	5	5	5	4	4	4	4	4	4	3.9

PERCENTAGE OF OATA VALID - 90.1 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	2	3	4	6	7	9	10	9	9	10	11	12	11	9	8	9	8	6	6	7
2	5	4	4	4	3	3	3	3	4	4	4	5	4	4	5	5	5	5	5	5	4	4	4	4	4
3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	2	2	2	2	3	4	4	4	****	****	7	7	8	7	5	4	4	4	4	4
5	3	3	3	3	2	2	3	3	4	5	5	6	6	6	8	8	9	8	7	9	10	10	7	5	6
6	6	4	1	2	2	2	2	2	2	2	2	2	1	****	1	2	3	2	2	2	2	2	1	2	2
7	1	2	2	1	0	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	2
8	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	1
9	2	2	2	2	2	2	2	2	2	3	3	4	5	5	5	5	5	5	5	5	5	5	5	5	4
10	4	5	5	5	5	5	5	5	4	4	****	5	5	5	5	4	4	3	2	2	1	2	2	2	4
11	1	1	2	2	2	2	2	2	2	2	1	2	3	2	6	-	7	6	7	7	7	6	5	5	4
12	5	4	4	3	3	3	2	3	3	3	3	4	4	****	5	5	5	5	6	5	4	4	4	4	4
13	3	4	3	3	3	3	3	5	6	6	7	7	8	8	9	9	9	8	8	7	6	6	5	4	6
14	4	3	4	4	4	4	3	2	2	2	1	2	2	1	1	1	1	1	2	3	2	1	1	1	2
15	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	1
16	4	3	3	2	1	2	2	3	3	3	3	4	5	5	5	4	1	4	5	5	5	5	5	5	4
17	4	3	2	4	4	4	4	5	5	5	5	5	5	6	8	6	6	6	7	7	6	6	6	4	5
18	5	4	4	4	5	4	4	4	5	5	6	6	6	****	****	4	2	2	2	****	2	2	1	1	4
19	1	0	0	0	1	2	2	2	2	2	1	2	1	1	2	2	2	****	3	3	3	3	3	3	2
20	3	3	3	3	3	2	2	3	4	4	4	4	5	****	****	5	****	6	6	6	6	7	6	6	4
21	6	6	5	5	5	4	3	3	4	4	5	4	3	2	2	2	3	3	3	3	****	2	2	2	4
22	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	1	1	2	3	2	2	2	3	2	2
23	2	2	1	1	1	1	2	2	3	3	3	3	3	4	4	4	4	3	4	3	3	3	3	3	3
24	3	3	3	3	3	3	3	4	4	4	****	4	5	5	6	6	6	6	6	5	5	5	5	5	4
25	5	5	5	4	4	4	4	3	4	6	6	7	7	6	6	7	3	3	4	5	5	6	6	6	5
26	4	3	1	1	2	3	3	3	3	3	2	1	****	3	5	4	2	4	5	4	4	4	3	3	3
27	3	3	3	3	2	2	2	4	7	9	10	9	9	9	8	7	8	7	7	7	7	7	7	7	6
28	6	5	5	4	4	4	4	4	5	4	4	4	4	5	5	5	6	5	5	6	5	5	5	4	5
29	4	4	4	4	4	3	3	3	4	5	5	6	6	6	7	8	8	6	5	5	5	5	4	4	5
30	3	3	3	4	4	4	3	4	5	5	5	6	5	6	7	7	6	7	6	6	5	2	1	1	5
MEAN	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	4	5	5	5	4	4	4	4	3.7

PERCENTAGE OF DATA VALIO - 97.8 PERCENTAGE OF OATA INVALID - 2.1 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTE5 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

5TATION - C NO 34007 BATHURST/WIL5ON, NORTH YORK MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	1	2	3	3	3	2	3	3	4	****	8	6	6	5	4	4	3	4	3	4	3
2	4	3	2	1	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3
3	3	3	3	3	3	2	2	2	3	3	2	2	3	3	4	3	3	3	3	3	3	3	3	3	3
4	2	1	1	1	1	3	3	2	4	4	4	4	4	****	****	3	3	3	3	3	3	3	2	2	3
5	2	2	2	2	1	****	2	2	3	3	3	3	3	3	3	4	4	4	3	3	2	1	2	1	3
6	1	1	2	2	1	2	2	2	2	2	3	2	3	3	3	3	4	4	4	3	3	4	3	3	3
7	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
8	1	-	1	2	2	2	3	3	1	1	1	1	1	2	2	3	3	3	2	3	3	3	2	2	2
9	2	2	2	2	2	1	2	2	2	2	-	****	2	0	****	2	3	2	3	3	3	3	4	3	2
10	3	3	-	3	3	****	3	3	4	4	5	4	3	4	3	3	3	4	4	4	4	4	4	4	4
11	3	3	3	3	3	3	3	3	3	6	5	4	4	4	****	****	****	3	3	3	3	3	3	3	3
12	2	2	2	2	3	3	2	1	2	****	2	3	3	2	3	3	3	2	2	2	2	3	2	2	2
13	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2
14	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2
15	2	2	2	2	2	3	3	-	3	****	2	3	3	****	****	****	****	****	****	****	****	****	****	****	******
16													- OATA INVALID -												
17													- DATA INVALID -												
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	5	4	4	4	4	4	4	3	******
19	3	3	3	3	2	2	3	3	4	3	****	4	4	5	6	-	-	7	8	7	7	7	6	6	5
20	6	5	5	5	4	3	4	4	5	5	6	5	6	7	7	7	7	7	6	6	6	6	5	5	6
21	6	5	5	4	4	4	4	4	4	4	4	4	5	5	5	6	6	6	6	6	6	6	7	6	5
22	5	5	5	4	4	4	4	5	5	5	****	****	****	****	****	6	6	6	5	5	5	5	4	4	5
23	3	3	3	3	3	3	4	4	4	3	2	1	2	1	1	1	1	1	1	2	2	2	2	2	2
24	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	-	1	0	1
25	0	0	0	0	0	1	2	2	2	1	1	1	1	****	2	3	3	2	2	2	3	3	1	2	1
26	2	1	1	1	1	2	3	3	3	3	3	3	2	-	2	2	3	2	2	2	2	2	1	2	2
27	1	1	1	1	1	2	3	3	3	3	4	3	4	4	4	4	3	3	4	3	3	3	3	3	3
28	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
29	1	1	1	1	1	1	2	2	2	2	2	****	****	2	2	2	3	3	3	3	2	2	2	2	2
30	3	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2	3	4	4	3	3	3	3	2	3
31	2	2	2	2	2	2	2	3	3	3	3	4	3	4	4	4	4	5	5	5	5	5	5	5	4
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALIO - 86.2 PERCENTAGE OF DATA INVALID - 12.4 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA I5 UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	4	4	4	4	S	5	S	5	S	5	S	****	****	6	6	S	5	4	4	3	2	2	4
2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	3	3	3	3
3	3	3	3	3	3	3	3	3	3	4	4	3	4	5	4	4	4	4	3	3	3	2	2	-	3
4	2	2	2	1	2	1	2	2	1	1	1	1	1	1	1	2	2	2	3	2	3	3	3	4	2
5	4	4	4	3	4	4	6	6	S	3	3	3	3	3	****	****	S	S	5	4	4	4	4	4	4
6	3	3	3	3	3	3	4	4	4	4	4	S	6	S	6	5	4	5	3	4	3	3	3	3	4
7	3	2	1	1	1	0	1	2	2	2	2	2	1	2	2	2	3	3	3	2	2	2	3	2	2
8	3	3	3	3	2	-	****	3	2	2	2	2	****	3	3	2	2	3	3	3	3	3	3	3	3
9	3	3	4	4	4	4	4	4	S	6	4	3	3	3	3	3	4	3	2	-	2	2	3	2	3
10	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	1	2
11	2	2	-	1	1	1	2	3	2	3	3	3		2	2	2	2	2	3	3	3	3	3	3	2
12	3	1	1	-	1	1	2	3	3	3	2	2	2	3	4	6	6	5	4	4	5	5	5	5	3
13	4	4	4	3	3	2	3	3	3	2	2	2	2	2	****	****	3	3	4	4	3	3	3	3	3
14	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	4	3	3	3	3	****	3	3	2	2	2	2	2	2	1	1	3
16	0	0	0	0	0	1	3	4	4	3	3	3	3	3	3	3	4	3	4	4	3	3	3	3	3
17	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	3
18	4	4	4	4	4	S	4	4	S	4	5	S	5	S	4	4	3	3	3	3	3	3	3	2	4
19	2	2	2	2	2	2	2	2	3	2	2	2	3	3	****	4	S	4	3	3	3	4	5	4	3
20	S	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	2	2	1	2	1	3
21	1	0	0	0	1	3	3	4	4	3	3	3	3	****	3	3	3	-	3	3	3	3	2	2	2
22	2	3	2	3	3	3	4	4	5	S	S	5	S	S	S	4	4	4	5	S	5	4	4	4	4
23	4	4	3	3	3	3	4	4	4	4	4	4	5	5	4	4	4	5	4	4	4	4	4	4	4
24	4	4	3	1	1	1	1	2	2	2	1	1	2	2	2	3	3	3	3	3	3	****	3	3	2
25	3	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
26	1	1	1	2	2	2	3	3	4	4	4	3	3	3	****	****	3	3	3	3	3	3	3	2	3
27	2	1	1	1	1	2	3	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	2
28	3	3	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	3	2	2	2	2	2	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	2	-	****	2	2	2	2	2	2	1
30	2	2	2	2	2	2	2	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF OATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - OEC 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	3	3	3	3	2	3	3	3	3	3	3	2	****	2	2	2	2	2	2	1	1	2
2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	3	3	4	3	4	4	3	3	2
3	3	3	3	3	3	3	3	4	S	4	4	****	3	4	4	1	****	3	4	3	3	3	2	2	3
4	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	2	2	3	2
5	3	3	3	3	2	2	2	3	3	3	3	4	5	4	4	5	5	S	S	5	S	5	S	S	4
6	S	4	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3
7	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	2	3	2	3	2	2	2	1	2
8	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	****	2	2	1	2	2	1
9	2	3	2	1	2	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	1	1	2
10	1	1	1	2	2	3	3	3	4	4	3	****	2	3	2	2	3	3	2	3	3	3	4	4	3
11	3	3	3	2	2	3	3	4	3	3	3	4	4	4	4	S	S	5	5	4	4	4	4	3	4
12	3	2	2	1	2	2	3	1	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2
13	1	1	1	1	1	2	2	3	3	3	3	****	2	2	2	2	2	3	3	4	4	3	2	1	2
14	1	1	2	2	3	2	2	2	2	2	2	2	1	****	****	2	2	2	2	2	2	1	2	2	2
1S	2	2	3	2	2	2	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
16	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
17	1	1	1	1	1	2	2	3	4	4	4	****	3	3	3	3	3	3	3	3	3	2	3	2	3
18	3	2	1	1	1	2	2	2	3	2	2	2	2	2	2	3	4	4	4	3	3	4	3	3	3
19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	4	4	5	5	7	4
21	7	8	8	6	4	4	5	7	7	8	5	4	4	4	4	5	S	4	4	5	4	3	4	3	5
22	3	4	3	3	3	2	2	2	3	3	3	3	3	3	3	4	4	3	3	4	4	3	4	3	3
23	3	4	4	3	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3
24	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
26	0	0	0	0	0	1	1	1	1	1	1	2	1	1	2	2	2	1	1	1	1	2	2	1	1
27	1	2	1	0	1	1	1	2	2	2	****	****	1	2	2	2	3	2	2	2	1	1	1	1	2
28	1	1	1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	3	3	2	2	2	2	2	2	2
30	2	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2
31	2	3	3	3	3	3	2	2	2	2	2	3	2	2	2	2	3	3	3	3	3	3	3	-	3
MEAN	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2.4

PERCENTAGE OF DATA VALIO - 98.4 PERCENTAGE OF OATA INVALIO - 1.S PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.3	4	7
FEB	1	1.4	1	10
MAR	10	4.3	7	16
APR	30	3.7	9	12
MAY	31	4.7	9	15
JUN	30	4.7	8	12
JUL	31	5.3	11	19
AUG	28	3.9	6	11
SEP	30	3.7	7	12
OCT	27	2.8	6	8
NOV	30	2.8	4	6
DEC	31	2.4	5	8
YEAR	310	3.6	11	19

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	144	527	46	1	0	0	0	718
FEB	21	12	0	1	0	0	0	34
MAR	24	68	138	24	3	1	0	258
APR	163	185	262	81	10	0	0	701
MAY	99	152	322	128	26	2	0	729
JUN	126	107	279	166	14	0	0	692
JUL	124	155	202	181	40	24	0	726
AUG	101	216	273	79	1	0	0	670
SEP	109	246	280	66	3	0	0	704
OCT	110	370	148	13	0	0	0	641
NOV	82	437	177	0	0	0	0	696
DEC	150	492	83	7	0	0	0	732
YEAR	1253	2967	2210	747	97	27	0	7301

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
83.3	0	0.5	1.6	2.6	3.9	6.4	7.9	9.8	11.0	19	3.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2
2	1	1	1	1	1	1	1	2	3	2	1	1	1	****	1	2	3	3	2	2	2	1	1	1	2
3	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	1	2
4	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	2
6	3	3	3	3	3	3	3	3	3	3	2	2	1	1	1	1	2	2	2	1	1	1	1	2	2
7	2	2	2	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
B	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	3
9	2	1	2	2	2	1	1	1	1	1	1	1	2	2	****	2	3	3	3	3	3	3	4	4	2
10	3	3	3	3	3	2	2	3	3	3	2	2	2	2	1	2	3	3	3	3	3	3	3	3	3
11	3	3	3	3	3	3	3	1	1	2	3	2	2	2	1	2	3	3	2	2	2	2	2	2	2
12	2	3	3	3	3	3	3	3	2	3	4	2	2	2	3	4	4	5	4	3	3	1	2	2	3
13	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
14	3	3	3	3	3	3	3	3	3	2	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2
15	1	1	1	1	1	1	1	2	2	1	2	2	2	****	2	2	3	3	2	2	2	2	1	1	2
16	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	3	4	4	4	4	4	4	3	2	3
17	2	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	1	2	1	3
18	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	2
19	3	3	3	3	3	3	3	3	3	3	4	4	5	****	5	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	1	1	2	2	3	3	2	2	2	2	2	2	2	2	4	2	2	2	2	2	2	2
23	2	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	3	4	4	4	3	4	3	3	2
24	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
25	2	2	2	3	2	2	2	3	3	3	3	3	2	2	2	2	2	3	2	2	2	2	3	2	2
26	1	1	1	1	1	1	2	3	3	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	2
27	2	2	2	1	1	1	2	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
28	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	1	1	****	****	1	1	2	2	2	2	1	2	2	1	1
30	1	1	2	1	1	1	2	3	3	2	1	1	1	2	2	2	3	3	3	3	1	2	2	2	2
31	1	2	1	1	1	2	3	3	3	****	****	2	1	1	1	2	2	2	2	1	2	2	2	1	2
MEAN	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2.2

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	2	2	2	1	2	2	1	1	2	2	1
2	2	1	1	1	1	1	2	3	3	2	1	1	1	1	1	****	3	4	4	4	4	4	3	3	2
3	3	3	3	3	3	3	3	3	3	3	5	5	3	2	1	2	2	3	4	4	4	4	4	5	3
4	4	5	4	4	3	3	3	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	2	2	3	3	2	1	2	1	2
6	2	2	2	2	3	3	3	2	1	3	5	5	3	1	2	3	4	4	4	4	4	4	3	3	3
7	1	2	3	3	3	4	4	3	3	3	2	3	2	3	3	3	4	4	4	4	4	3	4	4	3
8	4	4	2	1	1	1	2	3	3	2	2	2	1	****	1	2	2	3	3	3	3	3	2	1	2
9	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	3	4	3	4	4	4	3	4	2
10	4	3	3	3	4	4	4	3	3	4	4	3	2	1	1	1	1	1	2	2	2	2	2	2	3
11	3	3	3	3	3	2	3	3	2	2	2	2	2	2	3	3	2	3	4	3	3	3	4	4	3
12	4	4	3	3	4	3	3	3	2	3	3	4	4	****	5	5	5	5	4	3	2	3	3	2	3
13	2	2	2	2	1	2	2	3	2	2	3	2	1	1	1	1	2	3	4	4	3	3	4	4	2
14	4	3	2	3	4	3	4	3	3	4	4	3	3	4	4	4	4	3	3	4	4	4	4	3	4
15	3	3	2	2	2	2	3	4	3	3	3	2	2	2	2	3	3	3	2	3	3	3	3	2	3
16	2	2	1	1	1	1	3	3	3	2	2	1	1	1	1	2	2	2	2	2	2	1	1	1	2
17	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	2	4	3	3	3	3	3	2
18	4	3	3	3	3	3	4	4	4	3	2	1	1	2	2	2	2	2	3	3	2	3	2	2	3
19	2	2	2	4	4	3	3	3	3	4	4	4	****	-	-	-	-	-	-	-	-	-	-	-	******
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA INVALIO -													
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	-	-	-	1	****	3	3	4	5	5	4	4	4	4	******
28	4	4	4	3	4	4	4	4	5	8	7	5	3	5	7	8	10	10	10	11	11	11	11	11	7
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	4	4	3	3	3	3	2.7

PERCENTAGE OF OATA VALIO - 70.7 PERCENTAGE OF OATA INVALIO - 1.0 PERCENTAGE OF OATA UNAVAILABLE - 28.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	9	8	7	6	5	6	6	5	5	3	4	4	****	5	5	6	6	6	6	6	6	5	3	6
2	2	2	2	4	3	4	6	6	-	-	-	-	-	-	-	-	-	-	****	4	4	4	4	4	******
3	4	3	2	2	2	2	3	3	3	3	4	4	4	4	5	5	6	6	7	6	5	5	5	4	4
4	3	3	2	2	3	3	2	2	2	2	3	2	3	3	4	4	5	5	5	5	4	4	4	4	3
5	3	3	4	2	1	1	1	1	2	1	D	1	****	****	1	1	1	3	3	3	4	3	3	4	2
6	4	4	4	4	4	4	4	4	4	4	4	4	2	1	1	1	1	2	2	1	1	2	2	2	3
7	2	1	3	3	3	3	4	6	8	7	3	3	2	3	3	4	4	6	6	7	7	7	6	8	5
8	7	6	4	3	3	3	3	4	4	4	3	3	2	3	2	2	3	5	4	4	3	3	3	2	3
9	2	2	3	3	3	3	4	5	5	6	5	6	4	3	4	5	6	6	5	6	6	6	6	5	5
10	4	4	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
11	2	2	1	1	1	1	1	2	1	1	D	D	1	1	1	1	1	1	2	2	2	2	2	2	1
12	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4	2
13	5	4	4	3	3	3	3	3	3	3	3	3	****	3	3	3	3	2	2	1	1	1	1	1	3
14	1	1	1	1	1	1	1	1	2	2	2	1	1	1	****	1	2	2	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
16	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	3	3	4	5	5	5	4	4	3
17	4	3	3	3	3	3	3	3	3	4	4	3	3	4	5	6	6	6	6	5	5	4	4	4	4
18	4	4	4	4	3	3	3	3	3	4	4	4	5	5	4	3	3	3	4	5	6	5	4	4	4
19	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	4	4	5	4	4	4	4	4	5	4
20	5	4	3	3	3	3	3	3	4	4	4	3	2	2	****	5	5	5	4	4	4	4	3	3	4
21	3	3	2	2	3	3	3	3	5	5	6	5	4	4	4	4	5	5	4	4	5	5	5	5	4
22	5	4	4	4	3	3	3	3	3	4	4	6	8	8	8	7	6	6	5	5	5	5	6	6	5
23	6	6	5	4	4	4	4	5	6	6	6	6	6	****	4	6	8	9	8	7	5	5	3	3	5
24	3	4	3	3	2	2	1	2	2	2	3	3	4	4	4	5	4	4	4	4	4	3	3	3	3
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
26	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
27	2	2	2	2	2	1	2	2	2	1	1	1	****	****	1	1	1	1	2	3	3	3	3	3	2
28	3	3	3	3	2	2	3	3	4	4	3	3	3	3	3	3	4	4	5	4	4	3	4	4	3
29	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	2	1	1	2	2	3	3	3	4	4	4	****	4	5	5	5	5	7	8	9	7	5	4
31	2	1	2	4	5	5	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3.1

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	2	3	3	4	4	5	4	4	4	4	4	2	2	2	2	2	2	1	3
3	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	3	3	4	4	4	3	2
4	3	3	3	3	3	3	3	4	4	4	3	3	2	2	****	****	3	3	2	1	1	1	1	1	3
5	3	2	2	2	1	1	2	3	2	2	2	2	1	1	1	1	2	2	2	4	4	3	2	2	2
6	1	1	1	D	D	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	0	D	1	1	1	1	1	1	2	2	2	2	1	3	1
8	3	3	3	2	2	2	2	2	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	2
9	2	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	3	3	4	5	5	5	4	3
10	3	1	1	1	1	2	3	3	3	2	2	1	1	1	****	2	2	3	4	4	4	4	4	4	2
11	4	4	3	3	3	3	4	4	4	3	3	3	2	2	2	3	4	5	5	5	5	5	5	5	4
12	5	4	4	3	2	2	2	3	4	3	3	3	3	3	****	4	4	5	5	5	4	3	3	2	3
13	2	1	1	2	1	1	1	1	1	1	1	2	2	2	2	3	3	4	4	4	3	2	2	2	2
14	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	3	5	6	6	6	6	6	5	2	3
15	3	3	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	2	2	1	1	1
16	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
17	1	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1	1	2	2	3	4	3	3	3	2
18	3	3	3	2	2	2	2	3	2	1	1	1	1	****	****	1	2	2	2	2	3	4	3	3	2
19	2	2	2	1	2	2	3	3	2	1	1	1	1	1	1	1	1	2	3	4	4	4	4	3	2
20	3	2	2	2	3	3	3	4	6	6	4	7	****	6	6	5	5	5	6	6	6	6	6	5	5
21	5	5	5	5	4	5	5	5	5	6	6	5	4	4	5	5	5	7	6	6	5	5	5	5	5
22	5	4	3	4	3	1	1	1	1	1	1	1	1	1	1	2	3	3	4	5	5	4	3	3	3
23	3	2	2	2	2	2	2	3	4	5	6	5	4	5	5	5	5	7	7	7	7	6	4	3	4
24	3	3	3	3	2	3	2	4	8	10	10	10	7	****	7	8	9	9	8	8	8	7	7	8	6
25	7	7	7	6	6	4	4	5	7	7	8	8	7	7	8	7	10	10	9	9	9	9	9	8	7
26	7	7	7	6	6	5	4	5	4	4	3	2	2	2	3	3	5	5	5	4	4	3	3	4	4
27	4	3	2	D	1	1	1	2	1	1	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
28	2	1	1	1	1	1	1	2	2	2	3	3	3	3	4	3	3	3	4	4	3	3	3	3	2
29	2	2	2	2	1	2	2	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	3	3	2
30	3	3	2	2	3	4	4	5	4	4	4	4	4	****	4	4	2	2	2	3	3	2	2	1	3
MEAN	3	3	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	4	4	4	4	4	3	3	2.8

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	2	1	1	****	1	1	2	1	1	2	3	3	3	3	3	2
2	2	2	3	3	2	3	3	4	3	4	3	4	3	2	3	3	4	5	5	5	5	4	4	4	3
3	3	3	3	3	2	3	4	4	4	4	4	4	5	5	5	5	6	5	2	2	1	1	1	1	3
4	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
5	2	1	1	1	1	2	2	1	1	0	0	0	2	2	2	2	2	3	3	2	1	1	1	2	1
6	3	3	3	2	1	2	2	2	2	1	1	1	3	3	3	3	3	3	2	2	2	0	0	0	2
7	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	3	2	2	2	1	3	3	2	2	2
8	1	2	2	3	3	4	5	6	8	7	6	****	****	5	5	5	6	6	9	9	8	8	8	7	6
9	7	6	4	4	5	6	7	8	8	6	1	0	1	1	1	1	1	1	1	1	1	1	3	4	3
10	3	3	3	2	3	3	3	5	3	2	3	3	****	2	4	4	5	6	8	9	6	6	5	5	4
11	4	5	5	4	3	4	4	5	5	6	5	6	5	6	6	5	6	3	5	7	7	6	6	5	5
12	5	5	5	3	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
13	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	1	2	2	3	3	3	1
14	3	3	2	2	2	3	2	2	2	3	3	2	2	2	2	2	2	2	3	2	4	4	4	4	3
15	4	3	1	1	1	3	3	4	3	3	2	1	****	1	2	3	3	3	4	3	2	2	2	2	2
16	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	1
17	2	2	2	2	2	2	3	4	4	5	3	2	3	2	2	3	4	4	4	4	4	4	4	3	3
18	3	2	2	2	2	3	4	6	6	5	5	6	6	6	4	5	3	4	5	6	5	5	4	4	4
19	4	4	3	2	2	2	3	3	2	2	2	1	2	2	2	3	3	3	3	4	4	3	3	3	3
20	2	3	3	3	2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	5	5	4	3	2
21	2	2	3	2	3	2	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
22	2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	2	2	3	4	4	3	2
23	2	2	2	3	3	3	2	3	3	2	3	****	4	4	4	4	3	3	5	5	5	4	3	2	3
24	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	1	2
25	0	0	0	0	-	****	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2
26	2	1	1	1	1	2	1	1	1	2	2	3	2	2	1	2	2	2	2	2	3	3	1	1	2
27	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	3	3	2	4	4	4	4	4	4	2
28	3	2	2	2	2	2	1	2	2	1	2	3	2	2	2	4	4	4	4	3	3	3	3	3	3
29	2	2	2	2	2	2	2	3	3	3	2	1	****	3	2	2	2	3	2	2	3	4	4	4	2
30	3	4	3	2	1	1	2	3	4	2	1	1	2	3	4	3	4	3	3	5	5	5	4	4	3
31	3	3	2	2	2	2	4	6	8	5	3	3	****	2	2	1	2	2	2	6	5	5	4	4	3
MEAN	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALIO - 98.7 PERCENTAGE OF OATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	3	3	3	5	4	3	2	2	****	-	-	3	4	4	4	4	5	5	4	4	4	4
2	4	3	3	1	1	1	1	1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	1
3	2	1	1	2	2	2	2	1	1	2	2	0	0	0	0	0	0	0	0	1	2	5	4	4	1
4	3	3	4	2	2	3	3	4	5	6	4	3	2	2	2	3	2	1	2	3	4	1	1	3	3
5	1	1	1	1	1	2	3	2	2	2	1	-	1	1	1	1	1	1	1	1	2	2	****	****	1
6	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2
7	3	3	3	3	2	2	3	5	6	6	5	6	4	4	4	3	4	5	6	6	3	5	6	5	4
8	6	6	2	3	4	5	4	5	5	4	1	****	5	0	0	0	0	0	0	1	1	1	3	3	3
9	4	3	3	2	1	1	2	5	5	2	2	2	2	1	2	3	2	3	3	3	3	3	4	5	3
10	5	5	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	1	0	0	0	2
11	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	1	1	-	-	1	2	2	2	2	1
12	1	1	1	1	1	1	2	1	0	0	0	****	0	0	1	2	1	1	****	2	2	2	2	2	1
13	2	2	2	2	2	2	3	2	1	****	****	****	****	****	****	0	1	1	3	3	2	3	3	3	2
14	3	2	2	1	****	2	****	****	****	****	****	****	****	1	1	2	3	3	4	1	1	3	5	1	2
15	1	0	0	0	1	1	2	2	1	1	****	****	0	0	0	0	0	0	0	1	0	1	0	0	1
16	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	1	2	1
17	2	1	1	2	****	0	2	2	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	0	1
18	0	0	0	0	0	0	1	1	1	****	****	1	2	4	3	3	4	4	4	4	4	2	2	2	2
19	1	1	1	1	1	1	2	3	4	2	2	****	2	1	1	1	1	1	1	3	4	4	3	4	2
20	3	3	2	1	2	2	3	3	3	3	4	3	3	3	2	3	3	2	3	4	5	3	5	6	3
21	3	1	1	1	2	3	5	5	4	3	4	3	2	3	3	3	4	5	4	6	5	4	3	2	3
22	3	1	1	2	2	3	2	3	2	0	1	0	****	1	0	0	-	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	1	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0
25	0	0	0	0	1	1	1	2	2	1	2	1	0	0	0	3	-	4	1	2	3	2	2	2	1
26	2	2	2	2	1	1	3	6	7	4	3	****	2	3	****	4	4	3	1	1	2	1	2	3	3
27	1	0	0	0	0	1	1	2	2	1	1	0	1	1	1	2	2	0	0	1	2	4	4	3	1
28	3	2	1	0	2	3	3	3	2	1	2	5	3	3	3	4	5	3	3	4	6	4	5	5	3
29	4	3	3	3	3	3	4	5	4	4	5	****	3	4	4	3	5	5	5	5	5	5	5	-	4
30	3	2	2	1	2	2	2	2	3	2	2	3	2	2	1	-	1	2	2	3	3	2	2	2	2
MEAN	2	2	2	1	1	2	2	3	2	2	2	2	2	1	1	2	2	2	2	2	3	2	3	2	1.9

PERCENTAGE OF OATA VALIO - 94.2 PERCENTAGE OF OATA INVALIO - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	2	2	2	2	3	3	1
2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	2	1
3	1	1	1	1	1	1	2	1	1	1	****	0	0	0	0	0	1	1	1	1	2	2	2	2	1
4	2	1	1	1	1	1	2	2	2	0	0	****	****	0	0	0	0	1	0	1	1	1	1	1	1
5	2	1	0	0	1	1	1	1	0	1	0	****	0	0	0	0	0	0	1	2	3	2	2	2	1
6	2	1	1	2	1	1	2	2	1	0	0	0	****	0	0	0	1	1	1	1	2	2	2	2	1
7	2	2	1	1	1	1	2	2	3	3	3	2	2	2	2	1	1	1	2	4	3	2	2	2	2
8	2	2	2	2	1	1	2	2	1	1	2	3	1	0	1	1	1	2	2	3	4	5	4	4	2
9	4	4	3	2	2	2	3	6	7	5	6	7	4	3	3	4	7	7	7	5	7	6	6	4	5
10	2	3	2	1	1	2	4	4	3	4	2	-	2	1	3	3	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	2	3	3	3	3	3	4	6	7	5	4	3	4	4	2	3	5	4	3	3
12	3	3	2	2	1	2	3	4	3	1	1	1	1	2	2	2	2	2	2	3	6	7	6	5	3
13	3	2	1	1	2	2	3	6	7	6	3	3	3	****	1	2	2	2	3	5	6	4	4	4	3
14	4	4	3	3	2	2	3	4	3	3	4	3	3	3	3	3	1	3	2	3	3	2	3	3	3
15	3	4	3	3	3	2	1	1	1	1	1	2	2	1	0	0	1	2	2	5	5	5	3	3	2
16	2	2	2	2	1	2	2	4	2	1	1	1	2	****	2	3	1	1	1	1	1	1	1	1	2
17	1	1	1	0	1	1	1	-	2	2	1	2	****	2	1	2	4	3	1	1	1	1	1	****	1
18	0	0	0	0	1	1	1	2	1	1	1	1	1	2	3	5	3	2	2	3	3	2	2	2	2
19	2	1	1	1	1	1	2	3	2	1	1	1	****	2	2	2	2	2	2	3	5	5	5	5	2
20	4	3	3	3	2	2	4	5	6	5	4	3	2	1	1	2	5	2	2	3	4	3	3	4	3
21	****	3	2	2	2	3	3	5	7	5	3	3	3	3	4	1	1	2	2	3	3	5	6	5	3
22	4	5	4	3	2	1	-	1	1	0	0	0	0	0	0	0	0	1	2	3	4	5	5	4	2
23	****	3	2	2	2	3	4	6	8	9	8	3	3	2	6	4	3	2	3	4	3	1	1	0	4
24	0	0	0	1	1	2	3	3	2	2	2	2	2	1	1	1	1	0	0	0	0	0	0	0	1
25	0	0	0	1	1	1	2	3	2	2	2	2	2	2	2	2	1	0	1	1	1	2	0	0	1
26	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	1	0	0	0	1	2	1
27	2	1	1	0	1	1	1	2	2	2	3	4	3	-	2	4	6	6	7	5	6	5	4	4	3
28	3	3	3	2	2	2	2	3	3	2	3	3	0	0	0	1	1	1	1	2	3	2	2	2	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	5	2	2	1
30	1	1	1	1	1	1	2	3	5	5	6	5	4	5	4	4	3	2	2	2	2	1	2	2	3
31	1	1	1	1	0	2	3	4	2	3	1	0	0	****	0	1	1	2	2	2	2	2	2	2	2
MEAN	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2.0

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	2	2	3	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	2
2	1	0	0	0	1	2	3	2	2	1	0	0	0	0	0	0	0	0	1	1	2	2	2	2	1
3	2	2	2	2	2	2	2	****	****	****	****	****	****	6	1	1	1	1	2	1	1	1	1	2	2
4	2	0	0	0	1	2	2	1	1	1	2	2	1	1	0	0	0	1	1	2	3	3	2	3	1
5	2	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	2	1
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	2	1	1
7	1	1	1	1	1	1	1	3	2	2	2	2	****	3	2	1	1	1	1	1	1	1	1	2	1
8	1	0	0	1	0	2	2	2	2	1	1	1	****	1	1	1	1	2	1	2	2	2	2	2	1
9	2	1	1	1	1	1	2	2	2	1	1	1	1	****	2	1	2	2	2	2	2	2	3	3	2
10	2	2	2	1	2	2	2	2	3	2	1	****	****	1	1	1	1	1	1	1	2	2	1	1	2
11	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
12	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	1
13	1	1	1	1	1	1	1	3	3	4	3	3	2	1	1	1	1	0	0	0	0	0	0	0	1
14	1	1	0	0	1	1	2	2	1	0	0	0	0	0	0	1	1	1	-	1	0	0	0	0	1
15	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	2	2	2	1	1
16	1	1	1	1	1	1	2	2	2	2	1	0	2	2	2	2	5	3	4	5	4	4	2	2	2
17	1	1	1	1	1	1	2	3	3	4	3	1	1	1	****	1	2	3	3	4	3	3	1	1	2
18	2	3	2	1	1	1	3	2	2	3	3	3	3	4	4	4	4	4	5	4	4	3	3	3	3
19	3	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1	1	2	3	4	4	2	2	2	1
20	1	1	1	1	1	1	2	2	2	4	6	7	3	2	5	6	4	2	3	3	3	2	3	3	3
21	2	1	1	1	1	1	2	3	5	6	7	****	8	7	3	1	1	3	3	3	2	2	1	1	3
22	1	1	1	1	1	1	1	3	2	2	2	2	3	2	3	3	3	2	2	2	2	1	****	2	2
23	2	2	2	2	2	3	3	3	2	2	3	4	3	3	3	3	3	3	5	5	4	4	4	4	3
24	3	3	2	2	2	2	2	1	1	1	0	0	****	2	2	2	3	2	3	3	4	3	3	3	2
25	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1
26	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2
27	3	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	*****
28	- DATA INVALID -																								
29	****	****	****	****	****	****	****	****	****	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	*****
30	2	2	2	2	2	2	2	2	1	1	1	1	0	0	1	1	1	1	2	2	2	2	2	2	2
31	2	1	1	1	1	1	1	2	4	2	1	1	****	2	2	3	3	3	3	3	2	3	3	2	2
MEAN	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	1	2	2	2	2	2	2	1.5

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 9.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	2	3	3	4	4	2	2	3	2	3	4	3	2	2	3	2	1	2
2	1	1	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
4	1	1	0	0	0	1	1	2	2	3	4	4	2	2	2	3	3	3	3	3	3	3	2	2	2
5	2	2	2	1	1	2	2	2	4	3	3	4	2	2	4	6	6	4	4	S	S	6	S	S	3
6	4	3	1	2	2	2	2	2	2	2	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1
7	1	1	1	1	0	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	0	1	1
8	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	0
9	1	1	1	1	0	1	1	1	1	1	1	2	1	1	1	1	1	0	0	2	3	4	2	1	1
10	1	0	0	0	0	1	2	3	1	0	0	0	1	1	2	2	2	2	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	2	2	2	2	****	4	4	-	4	4	S	S	4	4	3	3	3
12	3	2	2	2	1	2	2	4	2	2	2	2	3	3	3	4	4	5	4	4	4	4	3	2	3
13	2	2	1	2	1	1	3	3	2	2	2	2	1	2	2	3	3	4	S	3	2	2	1	1	2
14	0	1	0	1	1	1	2	2	1	1	1	1	1	****	1	1	1	1	2	2	1	1	1	1	1
1S	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1
16	1	1	2	1	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	1	1	2	1
17	2	1	1	2	1	1	2	3	2	2	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1
18	0	0	0	0	0	1	2	2	1	1	1	1	0	0	1	1	1	1	2	****	1	1	0	0	1
19	0	0	0	0	1	1	2	1	0	0	0	0	****	****	0	0	1	****	2	2	2	2	2	1	1
20	1	1	1	1	1	1	1	2	3	3	3	2	1	0	0	1	1	1	1	1	1	1	2	0	1
21	1	0	0	0	0	1	2	2	2	1	1	1	****	****	1	1	1	1	2	2	****	1	1	1	1
22	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	2	2	2	1
24	1	1	1	1	1	1	2	3	4	1	1	2	3	3	4	S	4	4	4	3	3	3	3	3	3
2S	2	2	2	2	2	2	3	2	2	2	2	1	****	2	1	1	1	2	3	3	4	3	3	3	2
26	3	3	1	1	1	2	2	2	2	2	1	0	0	0	0	0	1	3	4	3	3	2	2	2	2
27	2	1	1	1	1	1	2	2	S	6	9	8	5	3	3	3	4	4	S	5	4	S	S	5	4
28	5	3	3	2	2	2	3	3	4	3	3	3	****	4	4	4	4	3	4	5	4	4	4	3	3
29	3	4	3	2	2	2	2	3	3	2	2	2	4	3	4	2	3	3	4	4	4	3	3	2	3
30	2	3	2	2	3	3	3	2	3	3	2	3	2	3	3	1	2	4	S	3	2	1	1	1	2
MEAN	2	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF OATA INVALID - 1.8 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 3S003 ELMCREST ROAD, ETOBICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	2	2	2	3	3	3	3	3	6	6	3	2	3	3	3	3	3	3	3	3
2	3	2	2	2	2	2	2	3	3	3	3	****	****	3	3	3	3	3	2	2	2	2	1	1	2
3	1	1	1	1	1	2	2	3	3	3	3	3	3	3	2	2	2	2	1	1	1	2	1	1	2
4	1	0	1	1	1	2	2	3	3	2	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
S	1	1	1	1	1	1	1	2	2	1	1	1	****	2	2	3	3	3	3	3	1	1	1	1	2
6	0	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	2	1	1	2	1	1	1	1	1
7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
8	1	-	1	1	1	1	1	1	0	0	-	0	0	0	1	1	1	2	2	2	2	2	2	2	1
9	2	2	1	1	2	1	2	2	1	1	-	****	0	0	1	1	1	2	2	2	2	2	2	2	1
10	2	2	-	2	1	****	2	3	4	4	5	2	****	****	2	2	2	2	3	3	3	3	3	2	3
11	2	2	1	1	1	1	2	2	2	3	S	4	4	2	****	3	3	3	2	2	3	2	1	1	2
12	1	1	1	0	1	1	2	2	1	1	1	1	1	****	1	2	2	2	2	2	2	1	1	1	1
13	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	2	2	1
14	2	2	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1	1
1S	2	2	1	1	1	2	2	-	2	****	2	****	****	1	1	2	3	4	4	3	3	3	3	2	2
16	3	2	2	2	2	2	2	3	3	2	2	-	****	2	2	3	3	3	3	3	3	3	2	2	2
17	2	2	2	2	2	2	2	-	-	4	S	S	S	S	5	4	3	3	4	4	3	3	3	3	3
18	3	2	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	2
19	2	2	2	2	1	2	2	2	2	2	2	2	3	****	5	-	-	5	5	S	3	1	0	0	2
20	0	1	4	0	0	0	1	1	1	1	1	1	1	3	4	4	3	5	5	S	5	4	3	2	2
21	2	1	3	3	2	2	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	S	1
22	4	5	4	4	3	3	S	S	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	- DATA INVALID -																								
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	-	2	2	******
2S	1	1	1	1	1	2	3	3	2	1	1	1	1	1	2	2	3	2	2	2	1	1	1	1	2
26	1	0	0	0	1	2	3	3	3	3	2	1	1	-	2	2	2	3	3	2	2	2	3	3	2
27	2	3	3	2	2	2	3	3	2	1	1	2	4	4	4	3	3	3	3	3	3	2	3	3	3
28	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2
29	1	1	1	1	1	1	2	3	3	2	3	2	1	2	3	3	3	3	3	3	3	3	3	4	2
30	3	3	3	3	2	3	3	3	3	3	3	2	3	****	****	2	2	2	3	3	2	2	1	2	3
31	1	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	1.9

PERCENTAGE OF DATA VALIO - 88.3 PERCENTAGE OF OATA INVALID - 9.9 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 3S003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	4	3	3	2	2	2	3	3	4	4	4	3	4	4	4	S	S	4	4	2	1	1	0	1	3
2	1	0	1	1	0	0	0	1	1	1	1	1	0	0	****	1	1	2	2	2	2	2	2	2	1
3	2	2	2	2	1	1	1	1	2	2	1	1	0	0	0	0	1	1	2	2	2	2	1	-	1
4	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	1
S	2	2	2	1	1	1	1	3	S	4	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2
6	2	2	2	2	2	1	2	2	3	4	S	4	4	****	****	3	3	3	3	4	4	4	3	3	3
7	2	2	1	1	1	0	1	2	2	1	1	1	1	2	2	2	2	2	1	1	1	0	1	2	1
8	2	2	2	2	2	-	****	2	1	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	3	S	6	4	3	2	2	2	3	3	2	2	-	2	2	2	2	3
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
11	1	1	-	1	1	1	1	1	2	2	2	1	-	1	2	2	2	2	2	3	2	2	2	2	2
12	2	2	2	-	1	1	2	2	2	2	2	3	3	2	3	3	4	4	3	3	4	4	4	4	3
13	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3
14	2	2	2	2	2	2	2	2	3	2	1	1	****	****	2	2	2	3	2	2	2	2	2	2	2
1S	2	2	2	2	1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	2
16	0	0	0	0	0	0	2	2	2	2	1	1	0	****	1	1	1	1	1	1	1	2	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	4	3	2	3	2
1B	2	2	2	2	2	1	1	2	2	4	S	4	3	4	3	3	4	4	3	3	2	2	2	2	3
19	1	1	1	1	1	1	1	1	2	2	2	2	2	3	4	3	3	2	2	2	3	3	3	3	2
20	2	2	2	2	2	2	2	3	2	2	1	1	****	****	1	2	3	3	2	2	2	2	1	1	2
21	1	0	1	0	0	1	2	2	3	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2
22	2	2	2	2	2	2	2	3	3	3	4	3	1	1	3	4	4	4	4	4	2	2	1	1	3
23	1	1	1	3	3	3	3	3	3	3	3	3	4	4	-	3	S	S	4	3	4	4	4	4	3
24	3	3	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	2	2	****	2	2	1
25	2	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	2	2	3	2	2	1	1	1	0	0	0	1	0	0	0	0	0	1	1
27	0	0	0	0	0	0	0	1	1	1	1	1	1	****	****	1	2	1	2	3	3	3	3	1	1
28	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	****	1	1	1	1	1	1	1
30	1	1	1	1	0	0	1	1	1	1	1	1	1	1	****	1	2	2	2	2	2	2	2	2	1
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF OATA VALID - 96.8 PERCENTAGE OF DATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 3S003 ELMCREST ROAD, ETOBICOKE MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	1	1	2	1	1	2	3	3	3	3	****	2	2	2	2	2	1	1	1	2
2	1	1	1	0	1	0	0	1	1	1	1	1	0	1	1	2	3	3	3	3	3	3	3	2	2
3	2	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	****	2	2	1	1	1	1	2	2
4	2	1	1	1	1	1	1	2	2	2	2	2	1	****	2	2	2	2	2	2	2	2	1	2	2
S	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
6	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	1	1	****	2	2	2	2	2	1	0	1	1	1	2
8	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	****	1	1	1	1	1	0
9	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	2	2	1	1	1
10	1	1	1	1	2	1	1	2	2	3	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2
11	2	2	1	1	1	1	1	1	2	1	1	1	1	****	2	2	3	2	2	1	2	1	1	1	1
12	1	1	1	1	0	1	1	1	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
14	2	1	1	1	1	1	1	2	2	2	1	1	1	****	****	2	2	2	2	2	2	2	2	2	2
1S	1	2	1	1	2	2	2	2	2	3	3	2	3	3	2	2	2	3	3	3	3	3	3	3	2
16	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
17	1	0	0	0	1	1	2	3	3	4	3	2	1	1	1	2	2	2	2	1	1	1	1	1	2
18	1	1	0	1	1	2	2	3	3	2	****	2	2	****	****	3	3	3	4	3	3	3	3	2	2
19	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	3	2	****	4	4	4	S	S	S	S	4	4	3
21	4	4	4	4	4	4	4	S	7	9	9	12	7	3	3	4	4	4	4	4	4	4	4	3	S
22	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	1	2	2	2	2	2	2	2
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	2	1	2
2S	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1
27	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
2B	1	1	0	0	0	0	1	2	2	2	1	1	1	****	1	1	2	2	2	2	2	2	2	1	1
29	2	2	2	1	1	1	1	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1
31	2	1	1	1	1	1	1	1	2	2	1	1	0	1	1	1	1	2	2	2	2	2	2	-	1
MEAN	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALIO - 98.1 PERCENTAGE OF DATA INVALIO - 1.7 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.2	3	5
FEB	19	2.7	7	11
MAR	30	3.1	6	10
APR	30	2.8	7	10
MAY	31	2.6	6	9
JUN	30	1.9	4	7
JUL	31	2.0	5	9
AUG	28	1.5	3	8
SEP	30	1.7	4	9
OCT	28	1.9	3	6
NOV	30	1.8	3	6
DEC	31	1.7	5	12
YEAR	349	2.2	7	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	178	530	28	0	0	0	0	736
FEB	106	252	105	7	5	0	0	475
MAR	149	306	244	24	0	0	0	723
APR	211	298	158	43	0	0	0	710
MAY	197	368	152	17	0	0	0	734
JUN	301	263	113	1	0	0	0	678
JUL	322	292	99	14	0	0	0	727
AUG	364	268	35	4	0	0	0	671
SEP	396	233	75	2	0	0	0	706
OCT	249	358	50	0	0	0	0	6S7
NOV	274	369	54	0	0	0	0	697
DEC	337	361	27	4	1	0	0	730
YEAR	3084	3898	1140	116	6	0	0	8244

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT 10	30	SO	70	90	9S	98	99	MAX	ARITH MEAN
94.1	0	0.0	0.7	1.4	2.2	3.6	4.5	5.7	6.7	12	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	****	2	3	3	3	3	3	3	3	3	-	-	-	3	1
3	2	2	2	1	2	2	2	2	2	3	2	****	3	3	3	3	3	3	3	3	3	2	3	2	2
4	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	****	3	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	2	2	2	3	3	3	3
7	3	3	3	3	3	3	3	3	3	3	3	3	****	3	4	3	3	3	3	3	3	3	3	2	3
8	3	3	3	3	3	3	3	3	3	3	3	3	3	****	4	4	4	3	3	3	3	3	3	3	3
9	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3
10	4	4	4	4	3	3	3	3	3	3	3	3	3	****	3	3	3	3	3	3	3	3	****	3	3
11	3	3	3	3	3	3	4	3	4	4	3	3	3	3	4	4	4	4	3	-	-	3	3	3	3
12	4	4	3	4	4	4	3	3	2	3	****	3	3	3	4	4	5	4	-	-	4	4	3	4	4
13	4	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	2	2	3	3
14	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	3
15	2	1	1	1	1	2	3	3	3	3	3	****	3	3	3	4	4	3	3	3	3	2	2	2	3
16	3	3	2	2	3	3	3	2	2	2	3	3	3	3	4	4	4	3	3	4	4	4	3	3	3
17	3	3	4	4	4	4	3	3	3	3	3	3	****	3	3	3	3	2	3	4	3	3	3	3	3
18	3	3	2	2	2	2	3	3	3	3	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3
19	3	3	3	3	3	4	3	3	3	3	4	5	-	5	4	3	3	3	3	3	3	2	2	2	3
20	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
21	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3	3
22	3	3	2	2	2	-	3	3	3	3	4	****	4	4	4	4	4	****	4	4	4	4	4	4	3
23	4	4	3	2	2	3	3	3	3	3	4	3	3	4	5	4	4	4	3	3	3	3	3	3	3
24	3	2	2	2	4	3	3	3	3	-	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3
25	3	3	3	4	4	3	4	3	4	4	4	4	4	4	4	3	4	4	3	3	3	3	3	3	4
26	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	3	3	3	3	3	3	3	2	3	3	****	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
29	2	1	1	1	1	2	3	3	2	3	3	****	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	-	3	3	3	3	3	3	3
31	3	3	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
MEAN	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 3.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2	4	3	3	3	2	3	3	3	3	3	2	3	3	4	4	4	3	3	3	3	3	3	3	3	3
3	3	3	3	3	4	4	3	3	3	4	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4
4	3	3	3	3	2	2	3	3	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3
5	2	1	1	1	1	2	3	3	2	3	3	3	3	3	3	3	-	3	3	3	3	3	3	3	3
6	3	3	2	3	3	3	3	2	2	3	5	6	4	4	5	4	4	4	4	4	4	3	4	4	4
7	4	4	4	4	5	5	4	3	3	3	3	****	****	3	3	3	3	3	3	3	4	4	4	4	4
8	4	4	3	2	2	3	3	3	****	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3
9	1	1	1	1	1	1	1	1	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3
10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	3	3	3	3	3	3	3	4
11	3	3	3	3	4	4	3	3	3	3	3	3	3	****	4	4	4	3	4	4	4	4	4	4	3
12	5	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4	3	3	3	4
13	3	3	2	2	2	2	3	3	3	3	****	3	3	4	4	4	4	4	****	4	4	4	4	4	3
14	4	4	4	4	4	3	3	3	3	4	4	4	4	4	4	4	4	3	3	2	2	4	4	4	4
15	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	-	2	3	4	4	3	3
16	3	3	3	2	2	3	3	3	4	4	4	****	****	3	3	3	4	4	3	3	3	-	3	3	3
17	3	3	3	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3
18	4	4	4	4	4	4	4	-	3	2	2	2	1	2	2	2	2	2	2	1	-	1	2	****	3
19	****	2	****	3	4	4	3	3	4	4	4	****	5	5	5	5	5	5	6	6	5	5	4	4	4
20	4	4	3	3	3	3	3	4	5	5	6	7	7	6	6	6	7	7	7	7	7	7	7	7	5
21	6	5	5	5	5	5	5	5	5	4	4	5	5	5	5	3	3	3	3	3	3	4	4	4	4
22	4	3	2	2	2	3	5	6	5	5	5	****	****	****	4	5	5	5	5	5	4	3	3	2	4
23	2	1	1	1	2	2	2	4	4	4	4	****	****	5	6	5	6	5	5	4	4	4	4	4	4
24	4	4	3	3	3	4	4	3	4	4	4	4	5	5	5	5	4	4	4	4	3	3	3	3	4
25	3	3	3	2	2	1	1	2	2	3	3	3	3	4	4	4	4	4	4	3	4	4	3	4	3
26	3	2	2	2	2	2	3	****	4	4	4	4	4	4	4	4	4	****	4	4	4	4	4	4	3
27	3	4	3	3	3	3	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	5	5	5	4
28	5	5	6	6	6	6	5	5	6	7	****	7	8	8	8	8	9	9	10	10	9	9	9	8	7
MEAN	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF OATA INVALID - 3.0 PERCENTAGE OF OATA UNAVAILABLE - 0.7

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	8	8	7	5	5	5	5	5	5	5	6	6	6	7	****	****	****	****	****	****	****	****	6
2	****	****	****	****	****	****	****	****	5	5	5	****	5	5	5	5	5	-	****	4	5	4	4	5	******
3	5	4	2	2	2	2	3	4	4	4	4	3	4	3	3	3	5	6	4	6	6	6	5	4	4
4	3	3	2	2	1	1	2	2	2	2	2	****	****	3	3	4	5	6	5	5	5	4	4	5	3
5	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
6	2	3	2	2	2	2	3	4	4	3	3	****	3	3	3	4	4	3	3	3	3	3	3	4	3
7	-	****	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	3	5	5	4
8	5	5	5	5	4	4	4	4	4	5	5	****	5	6	5	5	6	5	5	4	4	4	4	3	5
9	3	4	4	3	3	3	3	3	4	6	7	6	5	6	6	6	5	5	5	5	4	3	4	5	5
10	5	4	4	3	2	2	3	3	3	3	3	3	2	2	2	2	2	4	3	4	4	3	3	3	3
11	3	3	2	2	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
12	3	2	1	1	1	2	3	3	4	4	4	4	4	****	4	4	4	4	4	4	4	4	-	4	3
13	4	3	2	2	2	3	3	3	3	3	3	4	4	5	5	6	6	5	3	3	3	4	4	5	4
14	4	3	2	2	2	4	5	4	4	4	4	3	4	4	4	4	4	4	3	3	3	3	3	3	3
15	3	2	2	1	1	2	3	3	3	3	3	3	3	3	4	4	4	3	3	3	4	3	3	3	3
16	3	3	3	3	2	-	3	3	3	3	4	4	4	5	5	5	6	6	7	6	6	5	4	4	4
17	4	4	4	3	4	4	4	4	4	5	5	5	6	5	5	6	4	3	5	5	5	5	5	4	5
18	4	4	4	4	4	4	4	4	5	5	****	4	4	4	4	3	3	6	7	7	7	4	3	2	4
19	1	2	2	2	3	4	4	3	4	3	3	****	****	****	3	4	4	5	4	5	5	5	4	5	4
20	4	4	4	4	4	5	4	4	4	****	****	5	6	7	7	5	4	-	****	****	5	****	4	4	5
21	4	4	4	****	4	4	4	5	4	7	5	****	4	4	4	5	5	5	6	5	5	5	5	5	5
22	5	5	5	5	4	4	4	4	5	7	8	8	7	7	6	7	8	8	8	8	8	6	6	6	6
23	6	6	6	6	5	5	5	5	6	6	5	5	4	4	5	7	9	8	7	7	6	3	3	4	6
24	5	4	3	3	2	1	2	2	2	2	3	3	4	5	6	6	4	6	6	5	6	5	4	4	4
25	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2
26	2	2	1	1	1	2	2	2	2	3	****	3	3	3	3	3	3	3	3	3	3	3	3	3	2
27	3	3	2	1	1	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
28	4	4	4	4	4	4	4	4	3	3	3	3	4	4	3	4	4	4	5	4	3	3	5	4	4
29	5	5	5	5	5	5	4	5	5	6	5	6	4	3	3	3	3	4	4	4	4	4	4	4	4
30	4	3	1	1	2	3	3	3	-	4	4	-	-	-	4	4	5	5	5	5	6	6	5	5	4
31	5	5	4	5	6	4	5	5	5	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	4
MEAN	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	5	4	4	4	3.9

PERCENTAGE OF OATA VALIO - 94.0 PERCENTAGE OF OATA INVALIO - 4.8 PERCENTAGE OF OATA UNAVAILABLE - 1.2

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	2	2	2	3	2	****	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
2	1	1	1	1	1	1	2	3	3	3	4	****	4	4	4	4	4	4	4	4	4	3	3	3	3
3	2	2	1	1	1	2	3	4	4	****	3	4	4	4	4	4	4	4	4	4	4	4	4	3	3
4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	****	2	1	1	1	2	3	3
5	3	3	2	2	2	****	4	4	-	-	4	4	4	4	4	4	4	4	4	5	4	3	2	1	3
6	2	1	1	0	0	1	1	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2
7	3	3	3	2	1	1	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3	3
8	3	3	3	3	3	3	3	3	3	1	1	1	1	1	2	4	4	4	4	4	4	4	4	4	3
9	3	2	2	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4
10	4	3	3	2	3	3	3	3	4	****	3	4	4	4	4	5	4	5	5	5	5	4	4	4	4
11	4	4	4	4	4	4	4	3	5	4	3	3	3	3	3	4	4	5	5	5	5	5	5	5	4
12	5	5	3	2	2	3	4	4	4	4	3	2	****	4	5	5	5	5	6	5	4	2	2	2	4
13	2	2	2	2	2	2	2	2	2	****	3	3	3	4	4	4	4	5	4	3	2	2	2	2	3
14	2	2	2	2	1	2	2	3	4	5	5	4	4	4	4	4	5	7	4	6	6	5	5	5	4
15	4	4	4	3	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	3	2	2	2	2	3	3	3	2	3	3	3	4	****	4	4	4	****	4	4	****	4	3	3	3
17	3	3	3	3	3	4	3	3	3	3	4	4	4	-	-	5	5	5	5	5	5	5	4	4	4
18	4	4	4	3	4	4	4	4	4	4	5	****	-	-	5	5	5	5	5	5	5	5	5	5	4
19	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	4	4	5	5	4	4	4	5	6	7	6	5	6	6	5	5	5	6	6	6	5	5	4	5
21	5	5	5	5	6	5	5	5	7	7	7	5	4	3	3	3	3	2	5	6	6	6	6	4	5
22	6	6	5	5	5	3	3	3	3	4	4	4	4	4	3	3	3	4	3	5	7	4	4	4	4
23	4	3	3	3	4	4	4	4	4	4	5	5	4	6	6	6	6	5	5	7	7	7	6	6	5
24	6	4	4	5	5	5	5	6	7	6	6	****	7	7	6	8	9	8	5	5	7	6	9	7	6
25	7	8	7	7	5	****	4	5	7	8	6	6	5	6	6	6	7	7	6	8	9	5	7	9	7
26	6	5	3	6	5	5	5	5	5	6	5	5	4	5	5	6	6	6	5	4	4	3	3	4	5
27	6	6	5	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28	3	3	3	2	2	2	3	3	3	3	2	2	3	4	3	3	2	3	3	3	4	4	4	3	3
29	3	3	2	2	2	3	3	3	2	2	2	2	1	2	2	2	2	2	****	2	3	4	4	3	2
30	4	4	4	3	2	3	3	4	4	4	****	4	4	5	4	5	4	5	5	5	5	4	4	3	4
MEAN	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	4	3.8

PERCENTAGE OF OATA VALID - 96.9 PERCENTAGE OF DATA INVALIO - 2.2 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	3	3	3	4	4	4	3	4	4	4	4	4	4	4	5	4	4	4	4	4	4
2	4	3	3	3	4	3	4	5	5	5	5	4	4	4	4	4	4	4	3	3	3	2	3	5	4
3	5	4	2	3	3	5	5	5	5	5	4	5	5	5	5	6	5	5	5	5	4	4	4	4	5
4	3	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	-	3	4	3	4	4	3	3	3
5	3	3	2	3	3	3	3	4	3	3	3	2	2	2	2	2	2	3	4	4	4	4	4	4	3
6	4	4	3	2	1	1	2	2	2	3	5	4	4	4	4	5	5	5	4	4	4	3	4	4	3
7	4	2	2	2	2	4	4	5	4	4	4	4	4	5	5	5	3	3	2	2	3	3	3	2	3
8	3	3	4	5	3	4	5	5	****	7	7	7	7	7	8	7	6	7	8	9	7	7	8	8	6
9	8	7	7	7	6	7	6	6	7	7	6	5	5	5	4	4	3	3	3	4	5	6	7	7	6
10	6	6	6	5	5	5	5	7	7	7	6	6	7	9	5	6	8	9	9	7	5	5	6	6	6
11	7	4	5	6	4	5	5	5	6	5	6	6	4	6	7	5	4	3	3	5	6	8	7	7	5
12	7	6	5	5	5	5	4	5	5	5	5	5	7	6	4	4	4	4	3	4	3	3	3	3	5
13	3	2	2	2	2	2	3	3	3	3	3	3	2	2	3	2	2	2	3	4	4	4	4	4	3
14	5	3	4	3	3	5	4	5	5	4	5	5	4	4	5	4	5	6	5	5	5	4	5	5	5
15	4	4	4	4	4	5	5	5	5	5	5	5	5	****	5	6	5	5	5	5	5	4	4	4	5
16	3	3	2	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3
17	-	3	3	****	3	3	3	4	5	5	5	5	5	4	5	5	4	3	3	3	4	5	5	3	4
18	3	3	4	4	4	3	4	5	4	4	5	5	****	****	5	5	4	3	3	4	6	7	7	6	4
19	7	6	3	2	4	5	4	2	2	2	2	2	2	2	3	3	3	3	4	5	5	5	5	4	4
20	4	5	4	4	5	5	5	5	5	4	4	3	3	3	3	3	3	3	3	4	6	7	7	6	4
21	****	4	5	5	5	5	4	4	5	3	3	4	4	4	4	4	4	4	3	4	4	4	4	4	4
22	3	3	3	3	3	3	3	4	****	4	4	4	4	4	4	4	3	2	3	4	5	5	3	****	4
23	1	2	4	4	4	4	4	5	5	4	4	5	5	5	6	6	5	4	4	6	5	4	6	5	4
24	4	4	3	3	3	3	4	5	4	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4
25	3	1	1	1	-	****	4	4	4	****	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26	3	2	2	2	3	3	3	2	2	3	3	3	3	3	4	3	3	3	4	4	4	3	4	3	3
27	3	3	3	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	3	5	4	4	3	4	3
28	3	4	4	3	3	3	3	4	4	4	4	4	3	3	4	5	5	4	5	5	4	4	4	4	4
29	4	4	4	3	3	3	2	3	4	5	****	4	6	6	4	4	5	3	4	4	4	4	5	4	4
30	4	4	4	4	4	3	3	4	5	6	5	6	6	4	5	6	4	4	4	5	5	6	6	6	5
31	6	5	5	6	4	4	4	6	10	9	8	7	5	4	4	4	3	3	3	4	7	7	7	5	5
MEAN	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4.1

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	6	5	5	5	6	6	5	5	5	****	-	-	3	3	2	3	5	6	5	5	5	5	5
2	5	5	5	5	4	4	5	4	3	3	3	4	3	2	2	2	3	3	2	3	5	5	5	4	4
3	3	2	2	3	3	4	3	3	2	2	3	2	2	2	2	2	2	2	3	3	5	6	6	5	3
4	5	5	4	3	6	6	6	7	7	6	****	4	4	5	5	4	3	4	6	7	6	4	4	5	5
5	4	3	4	4	5	5	5	5	5	5	5	-	5	5	5	4	4	4	4	3	3	3	3	3	4
6	3	3	3	2	2	2	3	3	3	2	3	2	2	2	3	2	3	3	3	2	2	2	3	4	3
7	4	2	2	3	3	4	4	4	4	4	4	5	6	6	4	5	3	4	4	5	8	8	8	8	5
8	8	6	5	5	3	4	5	6	6	4	5	5	5	4	4	4	5	4	5	5	4	5	5	5	5
9	5	5	4	4	3	4	4	4	4	2	2	****	3	4	3	3	2	2	2	2	2	2	2	2	3
10	2	1	2	3	5	5	5	5	2	2	2	2	2	2	1	1	1	1	2	2	3	2	2	2	2
11	1	1	1	1	1	2	2	2	2	1	****	****	3	3	3	3	3	-	-	3	3	3	3	3	2
12	3	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	****	4	4	4	3	3	3
13	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	4	5	5	5	5	4	5	5	5	4
14	5	4	4	4	****	4	****	****	5	****	4	5	6	5	5	5	4	4	4	6	7	6	5	6	5
15	8	5	3	4	2	4	6	6	5	4	****	****	4	5	6	5	5	5	5	5	5	5	5	5	4
16	4	4	3	3	4	5	7	7	8	8	8	8	6	6	6	5	6	5	6	5	5	5	7	6	6
17	7	9	9	7	8	8	6	5	4	4	4	4	4	4	5	2	3	3	4	5	8	8	7	5	6
18	4	3	3	2	5	4	5	5	5	****	****	4	3	4	4	5	4	5	3	4	6	5	4	3	4
19	3	3	3	3	3	3	3	5	5	****	5	4	5	5	5	5	4	3	3	3	4	3	3	3	4
20	3	2	2	4	5	5	****	4	4	4	3	3	4	4	4	3	3	3	5	3	2	4	5	5	4
21	5	6	2	1	5	5	7	6	7	7	6	5	6	6	5	5	5	3	4	5	4	4	4	5	5
22	5	6	5	4	3	5	5	6	6	5	6	6	****	4	4	4	-	4	3	3	4	4	4	3	5
23	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	****	2	3	3	3	****	3	4	4	4	5	5	5	5	5	5	5	5	5	5	4	4	4
25	4	3	3	3	3	4	4	5	6	6	5	4	4	3	3	3	-	3	3	3	3	****	4	5	4
26	4	4	4	4	4	4	5	7	5	5	5	5	6	6	****	4	4	5	5	7	8	8	5	3	5
27	4	3	2	2	5	6	6	6	5	4	3	3	5	6	7	8	6	5	4	5	6	8	8	7	5
28	7	6	4	4	5	6	7	7	9	10	****	7	5	5	6	6	5	4	3	4	6	3	3	4	5
29	6	4	5	4	5	5	5	5	****	7	8	7	4	4	5	6	7	5	5	7	7	6	6	-	6
30	3	4	2	2	3	4	4	4	4	4	3	3	5	4	3	-	2	2	3	3	2	2	1	1	3
MEAN	4	4	3	3	4	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4.1

PERCENTAGE OF OATA VALIO - 95.6 PERCENTAGE OF OATA INVALIO - 3.2 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	2	2	1	1	1	2	3	2	2	2	2	2	2	2	2	3	3	3	2	2
2	2	3	3	3	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
3	3	2	2	2	2	3	3	4	3	****	****	4	4	4	4	4	4	4	4	4	4	4	4	4	3
4	3	3	3	3	3	3	3	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	3	3	2	2	3	3	4	4	4	4	4	****	4	4	4	4	4	4	4	4	4	5	4	4	4
6	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	4	5	5	4	4	4	4
7	4	4	3	3	3	3	4	4	5	5	4	4	3	3	3	3	2	2	2	3	4	4	4	5	4
8	5	4	4	4	4	4	4	4	3	3	4	3	2	1	2	2	2	2	3	3	4	6	5	8	4
9	8	8	7	7	7	6	7	7	8	8	****	8	7	8	6	6	6	4	6	9	11	1D	7	4	7
1D	3	2	3	3	3	4	5	5	4	5	4	-	4	5	5	5	6	6	4	5	4	5	5	4	4
11	4	4	3	3	4	4	5	5	7	7	6	6	7	****	8	8	6	4	5	5	5	5	7	6	5
12	6	5	5	5	5	5	5	7	9	8	6	6	5	****	5	5	4	4	4	5	4	9	8	6	6
13	6	7	7	6	4	4	5	7	8	****	****	6	5	6	6	6	4	3	4	6	9	7	6	7	6
14	8	7	6	6	6	6	6	3	3	4	3	3	3	3	4	4	3	2	2	3	3	3	2	3	4
15	5	5	4	3	2	2	2	2	2	2	2	2	2	4	3	2	2	2	2	4	5	8	5	5	3
16	5	4	4	4	3	4	4	5	6	6	5	7	5	6	5	6	5	4	3	3	2	2	2	2	4
17	2	2	1	1	2	2	3	-	3	****	3	3	4	4	4	4	4	4	5	4	3	3	3	3	3
18	2	2	2	2	2	2	3	3	4	4	6	7	5	4	4	3	3	2	3	6	6	4	3	3	4
19	3	3	3	3	3	3	2	4	4	4	4	5	5	4	4	4	3	3	3	3	4	5	7	7	4
20	7	6	6	5	5	5	5	7	7	6	6	6	5	4	4	4	4	3	4	4	3	7	7	7	5
21	****	7	7	6	5	4	4	7	4	4	3	4	3	3	3	2	2	2	2	2	3	6	10	9	4
22	8	7	5	4	3	2	-	3	3	2	2	2	2	1	4	3	1	1	2	3	3	6	8	7	4
23	****	6	5	5	5	6	6	8	9	10	****	7	6	6	4	5	3	3	5	3	3	2	2	3	5
24	2	2	2	1	4	4	4	4	4	4	****	3	3	3	3	4	3	2	1	1	2	2	2	2	3
25	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	3	4	4	4	3	3	4	4	3
26	2	3	3	3	2	3	3	4	4	4	****	2	3	3	3	3	3	3	3	3	4	3	4	4	3
27	4	3	3	2	2	2	2	2	3	4	5	5	4	-	4	4	4	3	3	4	6	6	5	4	4
28	5	4	4	4	4	4	4	4	4	3	3	3	3	2	2	2	3	4	6	5	4	4	3	3	4
29	3	3	3	3	3	2	2	3	3	3	3	2	2	1	1	2	1	2	2	****	3	7	6	4	3
30	3	3	3	3	3	3	3	5	4	4	5	4	3	3	5	5	3	3	3	3	4	3	3	2	3
31	2	2	3	4	3	5	5	6	7	6	4	5	5	5	5	6	6	6	6	6	6	5	5	5	5
MEAN	4	4	4	3	3	4	4	4	5	4	4	4	4	4	4	4	3	3	3	4	4	5	5	4	3.9

PERCENTAGE OF OATA VALID - 97.4 PERCENTAGE OF DATA INVALIO - 2.0 PERCENTAGE OF OATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	3	4	4	5	4	4	4	5	****	4	3	4	3	3	3	3	2	2	2	2	3
2	2	2	2	2	3	3	5	5	4	3	4	3	4	4	****	****	5	5	5	4	4	4	4	4	4
3	4	4	4	4	4	4	****	5	5	6	7	6	6	5	4	4	4	6	7	4	4	6	7	6	5
4	6	6	4	2	3	4	4	4	3	4	3	3	3	2	2	2	2	2	4	6	6	5	6	5	4
5	5	5	4	3	3	4	4	4	3	3	3	2	3	3	4	4	4	4	5	6	6	6	6	5	4
6	4	3	2	2	2	3	3	3	3	3	3	3	2	2	2	1	1	1	2	2	3	4	5	5	3
7	4	4	4	4	3	4	5	4	4	4	3	4	****	4	4	7	6	3	4	6	6	5	4	4	4
8	4	4	3	3	4	4	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4
9	3	3	3	3	3	4	4	3	3	3	3	3	3	****	3	3	3	3	3	3	3	3	4	3	3
10	3	3	4	4	4	4	4	4	5	5	****	6	5	6	5	5	5	5	5	5	5	5	5	4	5
11	4	3	2	2	2	3	3	3	3	3	4	4	4	3	2	2	3	3	4	4	3	4	4	3	3
12	3	3	3	3	3	3	3	3	3	1	1	1	1	2	2	2	2	1	3	4	4	4	4	4	3
13	4	4	3	3	3	4	4	5	6	****	4	5	4	4	4	4	6	3	3	2	2	2	2	2	4
14	2	2	2	2	3	4	4	4	4	4	4	3	3	3	3	4	4	4	-	3	3	3	3	3	3
15	3	2	2	2	2	3	4	3	3	****	****	4	4	4	4	4	4	4	4	4	4	4	4	3	3
16	3	3	3	2	3	3	4	4	5	4	5	6	4	4	5	6	6	6	6	7	8	9	6	4	5
17	4	4	3	3	3	3	5	6	5	6	6	6	6	6	6	6	5	5	5	5	4	4	4	3	5
18	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	6	5	5	4	4	4	4
19	4	4	4	4	3	3	3	3	4	4	4	4	3	2	2	2	2	3	3	5	7	4	3	4	4
20	3	3	3	3	3	3	3	4	5	7	10	5	4	4	4	4	4	5	4	3	4	5	5	5	4
21	4	4	3	3	3	3	4	6	6	8	9	6	5	4	4	4	3	3	4	4	5	5	4	3	4
22	3	2	2	2	2	2	3	4	4	****	3	3	3	5	6	4	4	4	3	3	3	2	2	2	3
23	2	3	3	2	2	3	4	4	5	5	4	****	5	5	6	6	6	6	5	4	4	4	4	4	4
24	4	5	4	3	2	3	4	4	4	4	4	4	4	4	4	5	4	4	3	4	3	3	3	3	4
25	4	3	2	2	3	3	4	3	3	3	3	3	2	1	2	2	2	2	3	5	5	5	5	5	3
26	5	4	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	3	4	5	6	6	6	3
27	5	4	3	3	4	5	6	5	5	6	****	4	5	4	5	6	4	3	3	3	3	3	4	4	4
28	5	4	5	5	5	4	4	4	4	4	3	4	4	3	3	4	4	3	3	3	2	2	3	3	4
29	2	3	3	5	3	4	5	5	5	5	5	5	4	4	5	5	3	2	2	2	3	4	4	5	4
30	4	4	3	3	3	4	4	4	4	4	5	5	4	5	5	5	5	4	4	4	4	3	4	4	4
31	3	3	3	2	2	3	4	5	5	3	3	****	2	3	4	4	3	3	3	4	5	5	4	4	3
MEAN	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.8

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDURCES BRANCH

POLLUTANT - NITRDGEN DIDXIDE-CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLIDN

STATIDN - C ND 35D33 EVANS/ARNDLD AVE, ETDBICDKE MDNTH - SEP 79

HDUR DAY	1	2	3	4	5	6	7	B	9	1D	11	12	13	14	15	16	17	1B	19	2D	21	22	23	24	MEAN
1	5	5	4	4	4	4	4	5	4	6	4	4	4	3	3	2	2	2	2	2	2	4	4	4	4
2	2	1	1	2	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2
3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3
4	2	2	2	2	2	2	3	3	3	****	****	2	2	3	3	3	3	3	3	3	4	4	4	4	3
5	4	4	4	3	3	3	4	4	3	3	4	4	2	4	4	5	4	3	2	7	B	B	7	7	4
6	6	6	5	3	3	4	4	4	4	4	6	6	7	6	6	6	6	6	5	5	4	4	4	3	5
7	3	2	2	1	1	2	3	3	****	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3
B	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3	4	4	4	3	3	3	3
9	3	3	2	2	2	2	2	3	3	2	2	****	3	2	2	2	2	2	2	4	4	4	4	4	3
1D	3	3	4	3	3	5	5	5	5	4	3	3	4	5	6	6	5	5	4	3	3	3	3	3	4
11	2	2	2	2	2	3	5	4	4	5	4	4	6	5	5	-	4	5	6	6	6	5	6	6	4
12	6	4	4	2	1	2	3	3	3	3	3	4	3	3	3	4	4	3	5	6	4	4	3	2	3
13	2	3	2	2	3	3	4	5	5	4	5	4	4	4	5	5	4	4	4	4	3	3	3	2	4
14	1	1	2	1	2	5	4	4	3	2	****	3	3	3	3	3	3	3	3	3	2	2	2	2	3
15	2	2	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3
16	3	3	3	3	3	3	3	3	4	3	2	2	2	2	2	2	4	2	3	3	4	4	3	2	3
17	3	2	3	2	3	4	5	4	4	****	****	****	3	3	4	4	4	3	3	3	4	3	2	2	3
1B	2	2	2	2	2	4	5	4	4	4	4	2	3	2	3	7	7	6	6	****	3	2	2	2	3
19	1	2	1	2	2	3	3	3	3	3	3	3	3	3	4	4	4	****	4	3	3	3	4	4	3
2D	3	3	3	3	3	5	6	5	5	5	5	3	3	3	4	4	4	3	4	4	3	4	4	5	4
21	5	5	5	5	5	5	4	4	5	5	5	5	5	5	4	4	4	4	3	3	****	3	3	2	4
22	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	2	3	4	4	4	5	5	2
24	4	4	4	3	3	4	5	6	4	3	****	3	3	4	5	5	4	3	4	3	4	5	6	6	4
25	6	5	5	5	5	5	4	4	4	5	5	6	6	5	5	7	B	6	6	6	7	7	7	6	6
26	5	4	2	3	3	4	5	5	5	6	5	5	5	4	5	6	6	6	7	B	6	7	7	5	5
27	4	4	3	3	3	4	6	7	6	7	B	1D	9	7	6	6	6	5	6	7	7	5	5	8	6
28	6	5	3	3	4	4	5	5	5	4	****	5	5	5	5	5	5	6	6	5	5	5	6	5	5
29	5	5	5	5	5	5	5	5	5	5	5	4	3	2	3	3	2	3	2	3	4	4	5	5	4
3D	5	5	5	5	4	4	4	4	5	4	4	4	4	5	4	3	4	5	5	6	5	4	4	4	4
MEAN	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.6

PERCENTAGE DF DATA VALID - 98.1 PERCENTAGE DF DATA INVALID - 1.8 PERCENTAGE DF DATA UNAVAILABLE - D.1

NDTES 1. "****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN DNE DAY

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESDRCES BRANCH

POLLUTANT - NITRDGEN DIDXIDE-CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLIDN

STATIDN - C ND 35D33 EVANS/ARNDLD AVE, ETD8ICDKE MDNTH - DCT 79

HDUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	3	3	2	2	3	3	4	4	****	7	5	5	8	8	5	4	4	4	4	4	4	5	4	4	4
2	4	4	4	3	3	3	4	5	5	5	5	4	4	4	4	5	5	5	5	4	4	4	3	2	4
3	3	2	2	2	3	3	3	4	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	3
4	3	2	2	3	3	3	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	3	3	4
5	3	2	2	2	2	3	3	3	3	****	3	3	3	4	4	4	4	4	5	4	3	3	3	3	3
6	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	2	2
7	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
B	2	-	2	1	1	2	2	2	2	3	2	3	2	2	2	2	3	3	3	3	3	3	3	3	2
9	3	3	3	3	3	3	3	3	3	3	-	****	4	4	4	4	4	4	3	4	4	4	4	4	4
1D	3	3	-	3	4	****	4	5	9	7	6	4	4	5	5	4	4	3	4	5	4	5	5	4	5
11	4	3	3	3	3	3	4	4	5	7	5	5	****	****	****	3	3	3	3	3	3	2	2	2	3
12	2	2	1	1	2	3	2	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13	2	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
14	3	3	3	2	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3
15	2	2	2	2	3	3	3	-	4	****	3	3	4	4	4	5	5	5	5	4	4	4	3	4	4
16	3	3	3	2	3	3	3	3	3	3	3	-	3	3	3	4	4	4	4	4	4	4	4	4	3
17	5	4	4	3	4	4	5	-	-	6	6	7	8	8	7	8	7	5	5	6	7	6	6	7	6
1B	6	4	3	2	3	3	4	4	3	2	3	3	****	3	3	3	****	3	3	3	3	3	3	3	3
19	3	3	3	3	2	3	3	3	****	3	3	4	4	4	****	-	-	6	6	5	5	3	3	3	4
2D	5	5	4	3	2	2	4	4	4	4	4	4	4	3	3	3	4	5	4	5	4	4	3	3	4
21	3	3	3	3	3	4	4	3	4	3	2	2	2	2	3	3	3	3	3	4	5	5	5	4	3
22	4	4	3	3	4	4	4	4	5	4	5	4	4	4	5	5	6	6	6	6	5	5	4	4	5
23	4	4	3	4	6	4	4	4	4	3	2	2	2	****	2	2	2	2	2	2	2	2	2	2	3
24	2	2	1	1	1	2	2	2	2	2	2	2	2	****	****	****	****	****	****	****	-	-	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	4	4	4	4	4	4	4	******
26	3	3	3	3	3	3	4	4	4	4	4	4	4	-	4	4	5	5	4	4	4	4	4	4	4
27	4	4	3	2	3	3	4	4	4	3	3	3	3	3	4	4	4	4	3	3	2	4	4	4	3
2B	4	3	3	3	2	2	3	3	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3
29	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3
3D	3	2	2	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3
31	1	1	2	2	1	2	2	3	3	3	4	4	4	4	5	6	6	6	6	6	5	5	5	5	4
MEAN	3	3	3	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3.3

PERCENTAGE DF DATA VALID - 93.5 PERCENTAGE DF DATA INVALID - 4.8 PERCENTAGE DF DATA UNAVAILABLE - 1.6

NDTES 1. "****" INDICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FDR DAILY MEAN IN DNE DAY

DNTARID MINISTRY DF THE ENVIRDNMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIDXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35D33 EVANS/ARNOLD AVE, ETOBICDKE MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	2	2	2	4	4	4	5	6	6	6	7	6	6	7	7	6	5	4	4	3	3	5
2	3	3	2	2	2	2	2	2	3	3	3	****	3	3	4	4	4	4	4	4	4	4	4	4	3
3	4	3	4	3	3	3	3	3	4	3	3	4	4	3	3	2	3	4	4	4	4	3	3	-	3
4	3	3	2	2	2	2	2	3	2	2	2	3	3	3	3	3	3	3	4	4	4	3	5	5	3
5	5	4	4	4	4	5	7	6	6	4	****	3	3	4	4	4	4	4	3	3	3	4	5	5	4
6	5	6	5	5	4	4	5	5	5	5	5	4	4	3	4	3	4	4	5	5	5	5	5	4	5
7	4	3	3	3	2	2	3	3	3	4	4	4	4	4	****	4	4	4	3	3	2	2	3	3	3
8	3	3	3	3	2	-	****	2	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	4	3
9	4	3	3	4	4	4	4	5	8	5	3	4	3	3	3	4	3	3	3	-	3	3	3	3	4
10	3	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	3	4	3	3	3	3
11	3	3	-	3	3	3	3	3	3	3	3	3	-	3	3	3	4	4	4	4	4	3	3	3	3
12	3	3	2	-	2	2	3	3	4	4	4	5	5	6	6	6	5	4	5	5	6	6	6	6	4
13	6	5	5	4	4	3	3	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4
14	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15	4	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	3	2	1	1	1	2	3	4	4	4	3	3	3	3	3	3	3	4	3	4	3	3	3	3	3
17	3	3	2	2	3	2	3	3	3	3	3	4	4	4	5	5	5	5	6	7	7	6	5	6	4
18	5	5	5	5	4	3	3	4	5	7	7	5	5	5	5	4	4	4	3	4	3	4	3	3	4
19	2	2	1	2	2	3	3	3	3	4	4	3	3	3	4	4	4	3	3	3	4	4	4	4	3
20	4	4	3	3	4	5	5	5	4	4	4	****	****	5	5	5	5	5	4	4	4	4	4	3	4
21	3	3	3	2	2	3	3	4	4	4	3	3	3	3	3	4	4	-	3	4	4	4	3	4	3
22	4	4	3	3	3	3	3	4	4	5	5	5	6	6	5	5	5	5	5	5	5	4	4	4	4
23	4	4	4	4	5	5	4	4	4	4	5	-	6	6	6	7	6	6	6	5	5	5	6	5	5
24	4	4	4	3	2	2	3	3	3	3	3	3	3	2	3	3	3	4	4	4	4	****	4	4	3
25	4	4	5	5	5	5	5	5	5	5	3	3	3	3	2	2	2	3	3	4	3	3	3	3	4
26	3	3	3	3	2	2	3	4	4	5	****	4	3	3	3	3	3	3	2	3	2	2	2	2	3
27	2	2	2	1	1	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	4	4	3
28	4	4	4	4	3	3	3	3	3	4	4	4	3	4	4	4	4	4	4	3	3	3	3	3	4
29	3	3	2	2	2	2	2	2	3	3	3	3	3	3	****	3	-	****	3	3	3	3	3	3	3
30	4	4	3	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	3	4
MEAN	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3.6

PERCENTAGE DF DATA VALIO - 97.4 PERCENTAGE DF OATA INVALID - 1.4 PERCENTAGE DF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALID DATA DUE TD INSTRUMENTATIDN FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FDR OAILY MEAN IN ONE DAY

DNTARID MINISTRY DF THE ENVIRONMENT - AIR RESORCES BRANCH

PDLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - D.01 PART5/MILLIDN

STATION - C NO 35D33 EVANS/ARNOLD AVE, ETDBICDKE MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	****	3	3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3
3	3	3	3	3	3	3	3	4	4	4	****	3	3	3	4	4	****	4	4	4	4	3	3	3	3
4	3	3	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3	3	4	3
5	4	4	3	3	3	3	3	4	4	4	4	4	4	****	4	4	5	4	4	3	3	3	3	3	4
6	3	2	2	2	2	4	5	4	4	4	4	4	3	3	3	4	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	4	****	****	3	3	3	3	4	4	3	4	3	3	3	2	2	3
8	2	2	2	1	1	1	2	2	2	3	3	3	****	****	3	3	3	3	****	3	3	3	3	3	2
9	3	3	3	3	2	2	1	1	1	2	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	4	4	4	3	3	4	3	3	3	3	3	3	3	3	4	5	4	3
11	4	3	3	2	2	2	3	4	4	4	4	4	4	4	5	5	5	5	4	4	5	4	3	3	4
12	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	****	****	****	****	****	3
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	4	4	3	3	3	3	******
14	3	3	2	3	3	2	2	2	3	3	3	3	3	****	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3
16	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	3
17	3	2	2	1	1	3	3	4	4	4	4	3	2	2	4	4	4	4	4	4	4	3	3	4	3
18	3	3	2	2	2	3	3	4	4	4	4	****	3	3	3	4	4	4	3	3	3	3	3	3	3
19	2	1	1	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	5	6	6	6	6	6	7	4
21	7	7	7	7	6	5	5	7	8	12	14	9	6	4	4	4	5	4	4	4	4	4	3	3	6
22	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3	3	3
23	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3
24	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	1	2	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2
27	2	2	2	1	2	2	3	3	3	3	3	3	3	3	****	4	3	4	3	3	3	3	3	3	3
28	3	2	2	1	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	3	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31	3	2	3	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	-	3
MEAN	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3.1

PERCENTAGE DF OATA VALIO - 95.4 PERCENTAGE OF OATA INVALIO - 4.4 PERCENTAGE DF DATA UNAVAILABLE - D.1

NDTE5 1. "****" INOICATE5 INVALIO OATA DUE TO INSTRUMENTATIDN FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN DNE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 3S033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.8	4	5
FEB	28	3.7	7	10
MAR	30	3.9	6	9
APR	30	3.8	7	9
MAY	31	4.1	6	10
JUN	30	4.1	6	10
JUL	31	3.9	7	11
AUG	31	3.8	S	10
SEP	30	3.6	6	10
OCT	29	3.3	6	9
NOV	30	3.6	S	B
DEC	30	3.1	6	14
YEAR	361	3.7	7	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 3S033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	39	S80	90	0	0	0	0	709
FEB	21	291	311	24	0	0	0	647
MAR	33	235	401	30	0	0	0	699
APR	41	2S3	374	30	0	0	0	698
MAY	9	229	441	51	0	0	0	730
JUN	14	244	380	50	0	0	0	688
JUL	19	306	337	62	1	0	0	72S
AUG	9	297	411	12	0	0	0	729
SEP	25	348	307	26	0	0	0	706
OCT	19	406	2S7	14	0	0	0	696
NOV	6	340	34S	10	0	0	0	701
DEC	18	S3S	147	8	1	1	0	710
YEAR	2S3	4064	3801	317	2	1	0	843B

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	9S	98	99	MAX	
96.3	0	1.S	2.4	3.0	3.7	4.9	S.B	6.8	7.S	14	3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	1	1	0	0	0	******	
16	0	4	5	3	2	2	3	4	3	2	2	1	****	2	2	2	2	3	3	2	2	1	1	1	2
17	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	****	3	3	5	5	5	5	4	4	3
18	3	3	3	3	3	3	3	4	3	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2
19	2	2	2	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	5	6	5	5	4	4	4
20	4	4	3	2	3	3	3	4	5	5	5	4	3	3	4	5	5	5	8	8	9	8	9	9	5
21	9	8	8	8	8	7	7	6	5	5	5	4	4	3	3	3	3	3	2	3	2	1	1	1	5
22	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	3	4	4	2	2	1	1	1	2
23	1	2	2	1	1	1	1	2	2	1	1	2	2	****	5	5	5	4	5	5	4	4	4	4	3
24	4	4	2	2	3	3	4	3	4	3	2	2	3	3	3	3	3	4	3	2	2	1	2	2	3
25	2	2	2	2	1	1	1	2	3	4	1	1	1	1	3	4	5	3	3	3	3	1	1	3	2
26	4	4	3	2	3	2	2	5	4	3	****	2	2	2	2	3	4	6	5	4	5	3	3	3	3
27	2	3	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	5	4	2	3	5	5	3
28	5	5	5	6	4	3	4	4	5	4	5	4	****	4	4	5	5	7	10	10	9	10	8	4	6
MEAN	3	3	3	3	3	3	3	3	4	3	3	2	2	2	3	3	3	4	4	4	4	3	3	3	3.0

PERCENTAGE OF OATA VALID - 47.5 PERCENTAGE OF OATA INVALID - 52.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - D.01 PARTS/MILLIDN

STATION - C ND 44D10 1298 REBECCA ST OAKVILLE MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	5	6	2	2	2	2	1	2	2	2	1	2	2	3	4	2	3	3	5	6	6	5	3
2	6	5	4	2	2	3	4	4	4	4	3	3	****	3	4	4	3	3	3	2	4	2	2	2	3
3	5	3	2	2	2	3	4	5	3	1	1	2	2	1	2	2	2	6	7	4	6	2	2	2	3
4	2	1	1	1	1	1	1	1	1	1	1	1	2	3	1	2	2	2	2	2	2	2	3	3	2
5	3	3	2	2	1	2	2	2	3	2	2	2	2	****	2	2	3	3	4	****	4	4	3	2	3
6	3	3	2	3	2	1	2	4	2	3	2	2	3	3	2	2	2	2	3	4	3	2	3	3	3
7	4	4	4	4	3	3	3	4	4	2	1	2	1	1	1	1	1	1	2	5	6	6	6	5	3
8	6	6	6	5	4	4	5	5	5	5	3	6	****	6	2	2	2	2	5	4	4	4	4	3	4
9	3	3	4	3	4	3	3	3	4	3	2	2	3	3	3	3	2	2	2	2	2	1	3	4	3
10	5	5	2	3	3	2	2	3	2	3	3	2	2	2	2	2	3	2	3	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1
12	1	1	1	0	0	0	2	2	1	1	1	1	1	****	1	1	1	1	2	3	5	5	5	5	2
13	5	5	3	3	2	2	2	2	2	3	4	5	4	4	4	5	4	3	4	4	2	1	3	3	3
14	1	1	1	1	1	1	1	1	2	2	1	1	****	1	1	1	2	2	2	2	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	2	2	2	3	4	3	3	2
16	2	2	2	2	1	1	2	3	3	2	2	2	3	2	2	2	3	4	6	6	5	4	4	4	3
17	4	4	4	4	3	3	4	4	3	3	4	4	4	4	4	4	4	3	3	4	5	4	4	4	4
18	4	5	5	5	5	4	4	4	4	2	1	2	2	2	2	2	2	3	3	6	9	6	1	1	4
19	1	0	1	1	2	4	5	4	3	2	1	1	0	0	1	1	1	1	2	6	6	5	5	4	2
20	5	5	4	4	4	4	4	4	4	4	4	5	4	4	2	1	1	2	5	6	5	5	4	4	4
21	4	4	4	4	3	3	4	4	4	3	4	3	3	****	2	1	1	2	5	6	5	5	4	4	4
22	4	4	4	4	4	4	4	4	5	6	7	7	8	7	5	4	4	5	5	6	9	4	4	8	5
23	6	5	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	2	7	5	2	1	2
24	3	2	2	1	1	1	1	1	1	1	3	4	3	5	2	1	1	1	3	4	3	2	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
26	2	1	1	1	0	1	1	1	1	1	1	1	****	1	1	1	1	1	2	2	2	1	1	1	1
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2
28	3	2	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
29	2	2	2	2	3	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3
30	1	1	1	1	1	1	2	2	1	1	1	****	0	0	1	1	2	1	3	2	2	2	3	2	1
31	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3	3	2.5

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF DATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	1	1	3	2	1	2	1	2	2	2	2	1	1	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	0
4	2	2	2	2	3	2	2	1	0	0	0	0	****	1	1	1	0	0	0	0	0	0	0	2	1
5	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	3	2	1	1	2	1	2
6	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	1
8	2	2	2	2	3	3	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	1	4	3	3	3	3	3	4	4	3	4	5	5	5	5	3	2
10	2	1	1	1	1	1	2	2	2	1	1	1	1	****	****	2	2	3	4	5	5	4	4	4	2
11	4	4	4	4	4	4	5	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	0	1	1	1
14	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1	2	2	3	2	6	2	2	2	2
15	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	3	1	2	2	2	1
17	1	1	1	1	2	2	3	3	3	2	1	1	1	1	1	1	2	2	3	4	3	2	2	2	2
18	2	2	3	2	2	3	3	2	2	1	1	1	1	1	1	2	2	2	3	4	5	3	2	2	2
19	2	2	2	2	2	3	4	4	3	2	1	2	2	2	1	1	2	3	4	6	5	4	4	4	3
20	2	2	3	4	4	5	5	5	5	6	8	7	4	2	3	1	1	2	3	5	6	7	6	7	4
21	6	6	5	5	5	5	6	4	4	4	6	5	4	3	2	2	2	3	7	8	7	7	5	6	5
22	6	6	6	5	5	2	1	1	1	1	1	1	1	1	1	2	2	2	3	8	6	5	5	5	3
23	4	3	3	3	3	3	4	4	3	3	3	3	****	0	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	2	2	1	1	1	1	1	2	2	1
27	3	3	0	1	1	1	2	2	2	2	1	1	2	2	2	3	3	2	3	4	3	3	2	3	2
28	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	5	4	4	4	3	2
29	3	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	4	5	3	4	2
30	4	4	3	2	3	3	3	3	3	3	2	****	2	2	1	1	2	2	3	4	3	2	1	1	2
MEAN	2	2	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	1.6

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	1	2	1	1	1	1	1	2	1	2	1	2	2	3	5	5	4	4	4	2
2	3	3	3	3	3	3	4	5	3	3	2	3	2	1	1	1	1	0	1	1	1	1	1	3	2
3	****	2	5	5	4	5	2	1	1	1	1	1	****	2	5	5	5	3	2	1	1	1	1	1	3
4	1	1	1	0	1	2	2	1	1	2	1	3	3	2	2	2	2	2	2	3	3	3	2	2	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1
6	3	2	2	1	1	0	1	0	1	1	0	1	1	1	0	1	0	0	0	1	1	1	1	0	1
7	0	0	0	0	0	0	1	1	1	0	0	****	1	0	0	0	0	0	1	3	6	4	3	1	1
8	1	1	1	1	2	4	2	3	3	2	1	1	1	1	1	1	2	1	1	2	2	3	3	4	2
9	6	5	5	3	2	3	4	3	3	2	2	2	1	2	2	2	2	2	3	4	6	7	7	7	4
10	5	4	4	3	3	4	3	4	4	3	3	4	2	2	2	2	4	4	1	1	1	3	4	2	3
11	1	2	2	0	0	3	1	1	1	1	1	1	1	1	1	1	1	1	2	5	6	4	4	2	2
12	2	3	5	6	5	4	4	4	5	3	1	2	2	2	2	2	2	2	2	2	1	1	1	1	3
13	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	6	5	3	2
14	2	2	2	1	1	4	4	4	3	3	2	1	1	1	1	1	2	3	4	3	3	6	6	5	3
15	5	2	1	1	3	4	4	4	2	2	2	1	1	1	1	2	2	4	3	3	3	4	3	2	3
16	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	4	7	5	5	4	2
17	4	3	3	3	3	3	3	3	4	4	4	4	****	2	2	2	1	1	1	1	3	5	5	5	3
18	4	4	4	4	4	4	5	3	2	3	2	2	2	1	1	1	1	1	2	4	6	8	8	6	3
19	4	3	0	1	4	5	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	5	5	2	2
20	1	2	3	2	3	1	1	1	1	1	1	0	1	1	1	1	1	1	1	5	9	8	8	4	2
21	1	3	4	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2
22	3	1	1	1	2	3	3	3	2	2	2	1	0	0	0	0	0	1	1	1	1	0	0	0	1
23	0	0	1	1	3	4	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	4	2	2
24	4	3	2	2	2	3	4	5	6	5	3	1	0	0	0	0	1	2	2	3	2	0	3	5	2
25	2	2	1	1	1	2	5	5	4	4	4	****	4	4	4	4	4	4	4	4	4	4	4	1	3
26	1	1	0	0	0	0	1	1	0	1	1	1	1	1	0	1	1	1	1	2	2	2	3	2	1
27	3	4	3	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	5	5	4	3	2
28	4	3	2	2	2	3	4	4	4	3	2	1	1	1	1	3	3	4	3	4	5	4	3	2	3
29	2	2	2	2	3	3	3	3	3	2	3	4	1	1	1	1	2	4	3	3	4	2	2	4	3
30	4	4	3	1	1	1	2	3	4	5	5	4	2	2	1	1	1	1	1	1	4	7	6	5	3
31	5	4	4	4	3	3	4	5	6	6	6	5	****	1	1	1	1	1	1	1	4	3	3	2	3
MEAN	3	2	2	2	2	3	3	2	2	2	2	2	1	1	1	1	2	2	2	3	3	4	4	3	2.2

PERCENTAGE OF DATA VALIO - 99.2 PERCENTAGE OF OATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	5	6	5	3	2	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	2	2	3	4	5	2	2	1
3	2	2	2	1	2	2	1	2	2	1	2	1	1	1	1	1	1	1	2	3	7	8	8	7	3
4	6	5	5	5	4	3	4	5	4	3	3	****	1	1	2	3	2	3	6	5	5	3	3	2	4
5	2	2	3	2	2	5	5	4	2	3	3	2	1	1	1	1	2	2	2	3	3	3	3	2	2
6	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1
7	1	0	0	0	0	1	1	1	1	1	1	1	1	****	1	1	1	1	2	3	7	7	5	2	2
8	1	1	2	3	1	1	1	4	3	1	1	2	2	1	1	2	2	2	3	3	5	6	5	5	2
9	5	4	4	5	4	3	3	3	3	2	2	3	2	2	2	1	1	1	1	1	2	3	2	4	3
10	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1
11	1	1	1	1	1	1	2	2	1	1	****	1	1	1	1	1	1	1	2	3	4	4	3	2	2
12	1	1	1	1	2	3	3	2	1	1	1	1	1	1	2	****	2	2	2	2	3	3	2	2	2
13	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	2	3	4	5	4	4	2
14	3	2	2	3	3	4	4	4	3	2	1	****	1	1	2	1	1	2	2	2	3	3	4	4	2
15	3	3	2	1	2	3	4	4	4	3	2	2	2	2	2	2	2	3	3	4	4	4	4	5	3
16	4	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	3	3	4	8	9	3
17	6	7	8	7	5	3	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3
18	1	1	0	1	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	5	5	5	4	1
19	3	2	1	2	2	3	3	3	3	2	1	0	0	0	1	0	0	1	1	1	1	1	1	5	2
20	5	5	5	5	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	3	6	7	7	3
21	4	1	1	1	1	2	3	3	3	3	2	1	2	1	1	1	1	1	2	2	2	1	2	3	2
22	2	2	1	2	3	3	3	3	3	2	1	****	1	1	1	1	1	2	2	2	2	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	3	2	1
25	1	1	1	1	2	3	3	3	5	5	3	****	1	1	1	1	1	1	1	1	4	4	5	4	2
26	4	3	3	3	3	3	4	5	6	5	4	3	2	1	1	2	2	2	2	2	5	4	5	5	3
27	4	2	2	2	2	3	3	4	4	3	3	2	2	3	3	3	4	4	5	4	3	3	3	3	3
28	3	1	1	1	1	3	5	3	3	3	4	3	4	3	2	1	1	1	1	2	2	2	2	2	2
29	3	2	1	1	1	1	1	1	1	1	1	****	1	1	2	2	1	1	1	1	2	3	2	1	1
30	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1
MEAN	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	3	3	3	3	2.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	1	2	1	1	1	2	1
2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	2	1	1	1
3	1	0	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	3	3	2	2
4	2	2	1	2	2	2	2	3	3	1	2	-	1	1	1	1	1	1	1	1	2	2	2	1	2
5	1	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1
6	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	5	5	5	4	2
7	3	3	3	3	3	3	3	3	4	3	5	4	3	2	2	1	1	1	2	3	4	4	4	4	3
8	4	4	4	3	3	2	3	3	2	5	3	2	1	1	1	1	1	1	1	1	3	7	9	8	3
9	7	5	5	5	5	5	5	4	3	2	2	2	2	1	1	1	1	1	1	3	6	6	7	5	4
10	2	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	2	3	5	3	3	3	3	2	2
11	3	4	5	3	3	3	4	2	2	2	2	3	2	2	2	1	2	1	2	3	1	3	5	6	3
12	5	5	4	4	4	4	4	3	2	2	2	2	1	1	1	1	1	1	3	8	9	7	8	6	4
13	6	5	4	4	3	4	4	5	3	1	1	1	1	1	1	1	1	1	1	1	4	8	7	7	3
14	6	6	5	5	6	6	6	6	3	2	2	2	2	2	2	1	1	1	1	1	2	2	3	4	3
15	4	4	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	9	6	5	2
16	4	3	3	3	2	3	4	3	3	3	2	2	3	2	2	4	3	2	2	2	2	2	2	1	3
17	1	1	1	1	1	1	2	2	3	3	1	1	****	1	1	1	1	1	1	2	3	3	3	2	2
18	2	2	2	2	2	3	3	3	3	4	5	5	4	3	2	1	1	1	1	2	4	5	4	3	3
19	3	3	3	3	3	3	3	3	3	5	5	3	2	2	1	1	1	1	1	2	3	5	6	6	3
20	3	3	3	3	4	4	4	3	4	7	5	****	3	2	1	1	1	1	1	3	6	5	4	4	3
21	5	5	4	3	3	4	4	6	7	7	7	5	4	3	3	3	1	1	1	3	7	7	9	7	5
22	6	6	4	2	2	4	4	2	2	1	1	1	1	1	1	1	1	1	2	3	4	8	10	4	3
23	2	3	4	3	3	5	6	6	4	3	2	****	3	1	1	1	1	1	1	1	1	2	2	2	3
24	4	2	1	2	2	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1
25	2	2	2	2	2	3	3	3	2	2	2	2	1	1	2	2	2	1	2	3	2	2	2	2	2
26	1	2	****	3	3	3	3	4	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	2	2	2	2	3	2	2	3	3	****	1	1	1	1	2	1	2	3	4	4	4	5	2
28	5	5	5	4	4	4	4	4	3	3	4	3	2	2	2	2	2	2	3	4	5	3	3	3	3
29	3	3	3	2	2	2	2	2	1	1	2	2	1	1	1	2	1	1	2	3	7	6	6	5	3
30	4	3	3	3	3	3	3	4	5	5	5	****	2	2	1	1	1	1	1	1	2	2	2	2	3
31	1	2	3	3	1	1	3	3	3	3	3	2	2	2	2	2	3	2	3	3	5	4	3	3	3
MEAN	3	3	3	3	2	3	3	3	3	3	2	2	2	1	1	1	1	1	2	2	3	4	4	4	2.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	3	4	4	3	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2
2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	4	5	4	4	4	2
3	3	4	2	2	2	4	3	3	4	5	****	2	2	1	1	1	1	1	2	4	6	6	6	4	3
4	2	2	1	1	0	3	1	2	1	1	1	1	0	0	0	0	0	0	2	4	5	4	2	2	1
5	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	5	4	3	2	1
6	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	3	2	2	3	1
7	2	2	1	1	1	1	0	2	2	1	1	****	3	2	2	2	2	3	3	1	2	2	1	1	2
8	2	2	2	2	1	2	3	3	2	3	2	3	2	2	2	1	1	2	2	3	3	3	3	3	2
9	2	2	1	1	2	3	3	2	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	****	****	****	****	****	****	****	****	4	3	3	2	3	3	3	4	3	3	3	4	2	2	******
18	2	2	2	1	1	1	1	1	2	2	2	3	2	2	2	3	2	2	2	2	2	2	3	3	2
19	3	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	7	6	5	4	2
20	3	2	2	2	2	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	2
21	3	3	2	2	2	2	3	3	5	5	5	4	3	1	0	0	0	0	1	3	4	4	3	2	3
22	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	1	1	2	2	2	2	1	2	1	1	1	1	2	2	2	3	2	2	1	1	2	2	3	2	2
24	2	2	2	1	1	1	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2	3	2	2
25	2	1	1	1	1	1	1	1	1	****	1	1	1	1	2	2	1	1	2	4	5	4	4	3	2
26	3	3	3	3	3	2	2	2	2	1	1	1	0	0	0	0	0	0	0	1	1	4	4	3	2
27	1	1	1	1	2	3	3	4	4	2	1	0	0	0	0	0	0	1	1	2	2	4	5	5	2
28	4	3	3	2	2	2	3	3	2	2	1	1	1	0	0	0	0	0	1	1	1	2	1	0	1
29	1	3	0	0	0	0	0	1	2	1	1	1	1	0	1	1	2	2	3	2	3	3	3	3	1
30	3	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	2
31	2	2	2	1	2	2	2	3	3	4	2	0	0	0	0	0	0	0	0	1	1	4	4	4	2
MEAN	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1.7

PERCENTAGE OF OATA VALID - 73.9 PERCENTAGE OF DATA INVALIO - 26.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	2	3	4	3	3	3	1	1	1	1	0	0	0	1	4	5	6	3	2
2	1	0	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1
3	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1
4	1	1	1	1	1	2	2	2	3	4	2	****	0	0	0	0	0	0	1	1	1	3	3	3	1
5	3	3	3	3	3	2	2	3	2	2	1	1	0	0	0	0	0	0	0	1	3	4	3	4	2
6	4	4	3	2	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2
7	1	1	1	1	1	1	1	2	2	2	2	****	4	3	2	2	2	2	2	2	2	1	1	1	2
8	0	1	0	0	0	1	1	1	1	1	1	1	2	1	0	0	0	0	2	4	4	3	3	2	1
9	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	1	1	1	1	2	4	5	4	2
10	4	3	2	1	1	4	3	2	1	1	1	****	2	4	3	3	3	3	3	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	3	5	6	6	5	3	1	1	2	2	3	4	6	6	5	3	3
12	0	0	1	1	3	3	3	4	1	1	1	1	1	1	2	0	1	1	1	1	0	0	1	1	1
13	2	3	3	3	3	3	3	3	2	1	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2
14	0	0	0	0	0	1	2	2	2	1	1	****	2	1	1	1	2	1	2	2	2	1	2	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	3	3	3	2
16	3	3	2	1	1	2	2	2	2	1	1	1	1	1	1	1	1	2	2	4	6	5	4	2	2
17	1	2	2	1	2	3	4	4	2	2	2	2	2	1	1	2	2	1	2	4	4	4	4	3	2
18	3	2	2	2	2	2	2	3	4	3	2	2	2	1	2	2	2	3	2	2	2	2	1	1	2
19	1	1	1	1	1	2	2	2	2	1	1	0	1	0	1	1	1	1	3	3	3	3	2	2	2
20	2	2	2	1	1	1	0	1	2	3	3	1	1	1	2	2	2	2	3	5	5	4	3	2	2
21	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2
22	2	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	2	2	2	2	1	1	0	0	1	1	1	1	2	1	0	1	1	2	1
24	2	2	2	2	1	1	1	1	3	2	1	1	1	1	1	2	2	2	2	1	5	3	3	3	2
25	3	3	3	2	2	2	3	3	3	3	4	4	3	2	2	2	2	3	6	6	6	6	6	5	4
26	5	3	2	2	2	3	3	3	3	2	3	3	2	2	2	2	2	3	4	3	3	3	2	2	3
27	2	2	2	2	2	1	1	1	4	5	5	4	2	2	2	3	2	2	3	4	4	3	3	3	3
28	3	3	3	3	3	3	3	3	2	2	2	2	4	4	5	3	2	2	4	4	4	3	3	3	3
29	3	3	3	3	4	5	5	4	2	2	2	1	1	1	1	1	1	1	1	4	4	4	3	3	3
30	3	2	3	3	3	3	2	3	3	3	3	3	3	2	2	1	2	3	4	6	5	4	3	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	3	3	3	3	2	2.0

PERCENTAGE OF DATA VALIO - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	3	3	3	4	****	7	9	8	8	3	2	1	3	3	4	4	4	4	4
2	4	4	4	3	3	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	****	****	****	****	2
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	3	3	3	4	4	4	4	3	3	3	2	2	******
6	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	4	3	3	2
7	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
8	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	2	3	3	1	1	1	2	2	3	2
9	3	3	3	2	3	2	2	3	2	2	2	****	1	1	1	2	2	2	2	3	2	2	2	2	2
10	2	2	2	2	2	2	2	1	1	3	3	2	1	1	2	1	1	1	1	3	3	2	2	2	2
11	2	2	2	2	2	1	1	0	2	3	3	2	1	1	2	1	1	1	1	2	1	1	1	0	1
12	0	0	0	0	0	1	2	1	2	2	1	1	****	1	2	2	3	3	3	3	2	2	2	1	1
13	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	2	3	2	2	2	1	1	2
14	2	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	2	2	3	3	3	2	1
15	1	2	2	1	1	2	2	2	2	2	3	****	3	3	2	3	3	3	4	4	3	3	3	3	2
16	2	1	1	1	1	1	1	1	1	1	0	****	****	****	0	0	0	1	1	1	2	2	3	3	1
17	3	3	3	3	2	2	3	3	3	3	3	****	4	3	3	4	4	4	4	4	3	3	4	4	3
18	3	2	2	1	1	2	2	2	2	2	0	1	1	0	0	0	0	1	1	1	2	3	1	1	1
19	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	4	3	3	1	2	2	2
20	1	1	1	1	2	1	1	2	2	3	3	3	2	3	3	3	3	3	2	2	4	3	1	1	2
21	2	1	2	1	1	1	2	3	3	2	2	2	2	1	1	1	2	2	3	3	3	3	4	3	2
22	2	1	2	1	1	1	2	3	2	2	2	2	2	2	3	2	2	2	2	3	4	4	4	4	2
23	3	3	2	1	1	1	1	3	3	2	2	2	1	1	1	1	2	2	1	2	2	2	2	2	2
24	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	1	2	2	1
26	2	1	0	0	0	1	1	2	2	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	2
27	2	3	3	3	2	1	2	2	3	1	1	0	1	1	1	1	1	1	2	2	1	1	1	1	2
28	2	2	1	1	2	2	2	2	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1	2
29	1	1	1	1	1	1	2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2
30	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1	2	4	4	1
MEAN	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 93.5 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	3	3	4	2	1	****	1	2	3	1	4	5	4	2	1	2	2	2	2
2	2	2	1	1	1	2	2	2	2	2	1	1	1	2	2	2	3	4	4	4	4	3	3	3	2
3	3	3	3	3	3	2	2	2	2	2	2	2	1	1	1	2	2	3	3	4	3	3	3	3	2
4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	3	3	3	2	2
5	2	2	2	2	2	2	2	3	3	3	3	2	1	1	1	1	1	2	2	2	2	3	3	3	2
6	3	2	2	2	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3
7	4	3	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
8	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9	2	2	2	2	2	2	2	3	3	3	2	1	2	1	1	1	2	2	2	2	2	2	2	3	2
10	3	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2
11	2	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	3	3	3	3	3	2	2
12	2	2	2	1	1	1	1	2	2	2	2	2	3	3	3	2	2	3	4	5	4	4	3	4	3
13	4	4	4	3	3	3	3	3	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	****	******
14												- DATA INVALID -													
15												- DATA INVALIO -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	2	3	2	2	3	3	3	2	2	******
17	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	7	10	11	12	13	10	6	5	4
18	5	4	4	4	4	3	3	3	4	4	4	5	6	7	7	6	5	4	2	2	3	3	4	4	4
19	2	1	2	2	2	2	2	3	4	4	2	****	1	1	1	1	1	3	5	5	6	6	6	5	3
20	5	5	5	5	5	5	4	3	3	3	3	2	2	2	2	3	4	4	3	3	4	5	3	2	4
21	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	1	2	1
22	2	3	2	2	2	2	2	4	2	2	3	3	3	2	2	4	3	4	4	3	2	2	2	2	3
23	2	1	2	3	2	2	2	2	3	3	3	3	****	4	3	5	5	7	6	6	6	6	6	7	4
24	6	6	3	2	1	2	2	2	2	2	2	3	2	3	3	3	5	7	6	8	6	6	9	13	4
25	14	15	11	7	5	4	4	4	5	6	4	2	2	1	1	1	1	1	1	1	1	1	1	1	4
26	1	1	1	2	2	3	3	2	2	2	2	****	****	2	2	2	2	2	1	1	1	2	1	2	2
27	2	2	2	1	1	1	2	2	3	2	2	2	2	2	2	3	3	4	4	4	4	3	2	2	2
28	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2
29	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
30	2	2	1	1	0	1	1	1	1	1	1	****	****	****	2	2	3	3	3	3	3	2	2	2	2
MEAN	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 88.9 PERCENTAGE OF DATA INVALID - 11.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	3	3	3	3	3	3	2
3	2	2	2	1	2	2	3	3	3	2	2	2	****	1	1	2	3	3	3	3	4	2	2	3	2
4	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3
5	3	3	3	3	3	3	3	4	3	2	2	3	2	3	3	4	4	3	4	4	4	3	3	3	3
6	3	3	2	2	2	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	3	2	1	1	1	****	2	3	3	3	3	3	2	2	2	2	2	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
9	2	2	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
10	2	2	2	2	2	2	3	3	2	2	2	2	3	****	3	3	3	3	2	1	3	4	3	3	2
11	3	3	1	1	1	1	2	3	3	3	3	3	3	****	2	3	3	4	5	5	5	3	2	3	3
12	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	1	1	2
13	1	1	1	1	1	2	2	2	2	1	3	1	1	2	3	3	3	3	3	3	2	2	2	1	2
14	2	2	2	2	2	2	2	2	2	1	1	1	****	1	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	3	3	3	2	2	3	3	2	2	2	3	3	3	3	3	4	3	3	3
16	3	3	3	3	2	2	2	2	2	2	3	2	2	2	3	2	1	1	1	0	0	0	0	0	2
17	0	0	1	1	****	****	****	****	****	****	****	****	1	1	1	1	2	2	2	2	2	2	2	2	1
18	2	2	1	1	2	2	3	3	3	3	3	2	2	****	****	****	4	4	4	3	1	1	1	1	2
19	2	2	3	2	2	2	2	3	3	3	2	2	2	3	2	2	2	2	2	1	3	1	3	3	2
20	3	3	3	2	3	3	3	3	3	3	3	3	4	4	5	4	5	5	5	6	5	5	5	5	4
21	5	5	4	4	4	4	5	5	6	5	5	5	****	6	8	6	3	3	5	5	6	7	6	6	5
22	6	5	5	3	2	2	2	2	2	3	3	4	4	4	4	4	4	4	5	4	5	4	4	4	4
23	4	4	4	4	4	3	4	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	2	3	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	3	2	1	1	1
27	1	1	1	1	0	0	1	2	2	1	1	1	****	1	1	1	2	2	2	2	2	1	1	1	1
28	1	1	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1
30	1	2	1	1	1	2	1	2	2	2	1	1	1	1	1	1	2	3	3	3	2	2	3	3	2
31	3	2	2	1	1	1	2	2	3	4	****	1	1	2	2	2	2	2	3	3	3	3	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2.3

PERCENTAGE OF OATA VALIO - 97.4 PERCENTAGE OF OATA INVALIO - 2.6 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		OATA UNAVAILABLE		
FEB	13	3.0	6	10
MAR	31	2.5	5	9
APR	30	1.6	5	8
MAY	31	2.2	4	9
JUN	30	2.0	4	9
JUL	31	2.5	5	10
AUG	22	1.7	3	7
SEP	30	2.0	4	6
OCT	29	1.8	4	9
NOV	26	2.5	4	15
OEC	31	2.3	5	8
YEAR	304	2.2	6	15

MONTHLY GROUP FREQUENCY OI5TRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINE5CENT UNIT5 - 0.01 PART5/MILLION

5TATION - C NO 44010 1298 REBECCA 5T OAKVILLE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN		OATA UNAVAILABLE						
FEB	68	145	87	19	0	0	0	319
MAR	246	298	182	9	0	0	0	735
APR	419	202	84	9	0	0	0	714
MAY	333	239	156	10	0	0	0	738
JUN	344	261	94	13	0	0	0	712
JUL	250	330	133	24	0	0	0	737
AUG	266	231	52	1	0	0	0	550
5EP	269	370	77	0	0	0	0	716
OCT	314	346	32	4	0	0	0	696
NOV	156	379	87	11	5	2	0	640
OEC	196	450	77	2	0	0	0	725
YEAR	2861	3251	1061	102	5	2	0	7282

FREQUENCY OISTRIBUTION BY PERCENTILE5

PERCENT OF OATA VALIO	CONCENTRATION5 FREQUENCY OISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
90.8	0	0.1	0.7	1.4	2.2	3.7	4.6	5.7	6.7	15	2.2

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RE5OURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINE5CENT UNIT5 - 0.01 PART5/MILLION

5TATION - C NO 45025 RITSON RO/OLIVE AVE, O5HAWA MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
8												- OATA UNAVAILABLE -													
9												- OATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	****	2	2	1	2	2	2	2	2	1	2	1	1	******
11	1	1	3	3	2	3	3	3	2	3	2	3	3	3	2	2	3	3	3	3	3	2	2	3	3
12	2	2	3	2	2	2	2	3	2	2	2	2	3	3	3	3	4	4	4	3	3	3	3	3	3
13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	2	1	1	1	2	1	2	3	3	3	3	3	2	2	3	2
16	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	2	4	3	4	4	4	4	5	4	3
17	3	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2
18	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2
19	3	3	3	3	3	3	3	4	2	2	****	0	2	2	3	3	3	3	2	2	2	2	2	****	3
20												- OATA INVALIO -													
21												- OATA INVALIO -													
22												- OATA INVALIO -													
23	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	4	4	4	3	2	1	1	1	1	******
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	****	2	2	2	2	2	2	2	2	2	2	2	2	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	1	1	1	1	2	2	2	2	2	1	1	2	2	2	2	2	3	3	3	2	2	2	2
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1
MEAN	2	1	1	1	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF OATA VALIO - 57.5 PERCENTAGE OF OATA INVALIO - 12.0 PERCENTAGE OF OATA UNAVAILABLE - 30.5

NOTES 1. "****" INOICATE5 INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA I5 UNAVAILABLE

3. "******" INOICATE5 LE55 THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRDGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATIDN - C NO 45D25 RITSDN RO/OLIVE AVE, OSHAWA MONTH - FE8 79

HDUR OAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	****	****	0	0	0	D	0	0	0	0	D	D	1
3	D	D	D	0	D	0	D	0	0	D	D	D	D	0	D	0	D	0	D	D	0	0	D	0	D
4	D	D	D	D	0	0	D	0	0	D	0	D	0	0	0	D	D	D	D	0	0	D	0	0	0
5	D	D	D	0	D	0	D	0	D	D	D	D	0	0	0	D	0	0	D	0	0	D	D	0	D
6	D	0	D	0	0	0	D	D	0	D	D	0	1	D	D	0	0	D	D	0	D	D	D	D	D
7	D	0	D	D	0	D	D	D	0	D	0	0	0	0	0	0	0	D	0	D	0	D	0	0	D
8	0	0	0	0	0	D	D	D	D	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1
1D	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	3	3	3	3	1
12	3	3	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
13	1	1	1	1	1	1	1	2	1	1	1	1	2	2	****	2	1	2	2	2	2	2	2	2	1
14	2	2	2	2	1	1	2	2	2	2	1	****	2	1	2	3	3	2	2	2	2	2	1	1	2
15	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	3	3	2	2	1	1	1	1	2
16	1	1	1	1	1	1	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	1	1	1	2
17	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2	1	1	1
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	3	3	4	2	3	2	****	2	2	2	3	2	3	5	6	6	5	6	5	3
20	5	5	5	5	4	5	5	5	4	5	4	4	3	3	4	4	5	6	5	6	6	6	5	6	5
21	6	5	5	5	5	4	4	4	4	4	4	4	5	5	4	3	3	3	3	3	3	2	2	1	4
22	1	1	1	1	1	1	2	2	2	2	****	2	2	2	2	3	3	4	4	5	4	4	3	2	2
23	2	2	1	1	2	1	2	2	2	3	3	3	4	4	4	5	5	6	5	5	5	4	4	4	3
24	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	1	2	1	1	1	****	1	1	1	1	2	1	2	2	2	1	2	1
28	1	1	1	3	4	4	5	4	3	4	3	5	7	5	4	4	6	7	8	9	8	7	7	6	5
MEAN	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	2	1.6

PERCENTAGE OF OATA VALIO - 99.0 PERCENTAGE DF OATA INVALID - 1.0 PERCENTAGE OF OATA UNAVAILABLE - D.0

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO DATA FDR DAILY MEAN IN ONE OAY

ONTARID MINISTRY OF THE ENVIRONMENT - AIR RESDURCES BRANCH

PDLLUTANT - NITRDGEN DIDXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATIDN - C NO 45025 RITSDN RO/OLIVE AVE, DSHAWA MONTH - MAR 79

HDUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	5	3	2	3	3	3	3	2	3	3	3	3	3	3	4	4	3	3	2	3	3	3	3
2	3	2	1	2	1	1	2	3	2	2	1	****	2	1	1	1	3	4	4	3	3	3	2	2	2
3	3	2	3	2	1	2	2	3	2	2	3	2	3	3	3	3	4	4	4	4	4	4	3	3	3
4	2	2	2	2	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
5	3	2	2	2	2	2	2	2	2	3	2	2	2	3	3	2	2	3	3	3	3	3	3	3	2
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	2	2	3
7	3	3	2	2	2	3	3	4	4	3	3	3	3	3	3	3	3	4	5	5	4	4	4	4	3
8	4	3	3	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2
9	2	2	2	2	2	3	4	3	3	3	****	3	3	4	4	5	5	5	4	4	3	3	3	2	3
1D	3	3	4	3	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	1
13	3	3	3	2	2	3	3	3	3	3	2	2	****	3	3	4	4	5	3	3	2	2	2	2	3
14	2	2	2	2	2	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	3	3	1
16	3	3	3	3	3	3	3	3	2	2	1	****	0	2	3	3	2	3	3	5	5	3	3	3	3
17	3	3	4	4	4	4	4	3	3	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	4	4	4	3	3	3	3	3	2	2	2	2	3	3	3	3	3	4	5	6	4	3	3	3	3
19	3	2	1	1	1	2	3	2	2	2	****	3	3	3	2	3	3	4	5	4	4	4	4	4	3
2D	3	3	2	2	2	3	3	2	2	2	1	1	2	2	2	4	5	2	3	3	3	3	2	2	2
21	3	3	4	3	3	3	3	3	2	2	2	3	3	3	3	3	4	4	4	5	5	5	5	4	3
22	4	4	4	4	4	4	4	4	3	5	4	4	4	5	5	5	6	6	7	6	5	4	4	4	5
23	4	3	2	2	2	2	3	3	3	3	4	4	4	4	6	5	5	6	5	5	4	5	4	4	4
24	3	3	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	3	2	2
25	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	0	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
28	3	3	3	3	2	4	3	3	3	3	2	2	****	2	****	3	3	3	3	3	3	3	4	3	3
29	3	3	3	3	3	3	3	3	4	3	3	3	2	2	2	2	3	3	3	3	3	4	3	2	3
30	2	2	2	2	2	2	2	2	2	2	3	2	3	3	4	4	4	5	5	5	6	6	5	4	3
31	4	4	4	4	4	3	3	3	3	3	4	2	2	1	1	1	1	1	1	1	1	1	1	1	2
MEAN	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE DF DATA INVALID - 1.1 PERCENTAGE OF OATA UNAVAILABLE - D.D

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1
2	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	4	3	3	3	2	2	2	2	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1	1
4	1	2	3	3	3	3	3	2	2	2	1	2	3	2	2	2	2	2	2	1	1	1	1	2	2
5	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	3	2	2	1	2
6	2	2	1	1	1	1	1	1	1	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1
8	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	2
9	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	3	3	2	2
10	2	1	1	1	2	1	1	1	2	2	2	2	1	****	1	1	1	1	1	2	2	2	2	2	1
11	2	1	1	1	1	2	2	2	2	2	2	****	****	****	2	3	3	4	4	4	4	3	2	2	2
12	2	1	2	1	2	1	2	2	2	2	2	2	****	2	3	3	4	3	4	4	4	3	3	2	2
13	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2
14	2	2	1	1	1	1	1	2	2	2	2	2	2	2	4	4	4	4	3	3	3	3	3	4	2
15	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	1
17	1	1	1	1	1	1	2	2	2	1	1	1	****	1	1	1	1	1	1	1	2	2	2	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
19	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	1
20	2	2	2	3	2	3	3	3	4	3	3	****	****	3	3	2	2	3	3	5	5	5	5	4	3
21	4	5	5	4	4	3	3	3	4	3	4	4	3	8	5	4	4	5	5	4	4	5	4	5	4
22	4	4	4	4	3	2	1	1	1	1	1	1	2	1	2	2	2	2	3	4	5	5	4	2	3
23	2	1	1	1	1	2	1	2	1	3	3	2	2	2	2	2	3	3	5	4	4	4	4	4	2
24	3	3	3	3	2	2	3	3	3	3	3	3	4	4	5	5	5	6	6	5	4	4	3	3	4
25	3	2	2	2	2	2	3	4	3	3	3	4	4	4	4	4	5	6	6	6	6	5	4	4	4
26	3	3	3	3	3	3	4	4	4	3	3	4	3	3	3	4	3	4	4	3	3	3	3	2	3
27	2	2	2	2	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	2	2	2	3	3	4	3	4	4	4	4	3	4	3	3	2
29	4	3	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2	3	3	4	4	5	4	3	2
30	3	2	1	2	3	3	3	3	2	2	****	3	3	4	3	3	3	4	3	2	2	3	4	4	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2.1

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
2	0	0	1	1	2	2	1	1	0	1	2	1	1	1	1	2	3	2	3	2	2	2	2	1	1
3	1	1	0	0	0	1	2	1	1	1	2	2	2	3	3	3	4	4	4	3	1	1	0	0	2
4	0	0	0	0	0	0	0	0	0	****	0	0	1	3	2	3	-	1	1	1	2	1	1	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	2	1	0	1
6	1	1	1	1	0	0	0	1	1	1	1	1	2	2	2	2	1	2	1	2	2	2	2	1	1
7	1	0	0	0	0	1	1	2	1	1	1	1	1	1	2	3	2	2	2	4	4	3	2	1	2
8	1	1	1	1	2	3	4	3	3	4	4	5	5	4	4	4	6	7	7	6	5	5	5	4	4
9	5	4	2	4	3	4	5	6	4	3	3	2	2	3	3	2	3	3	3	3	4	4	4	3	3
10	3	3	3	2	2	2	3	4	5	4	4	1	3	3	3	3	4	3	2	4	4	4	4	4	3
11	4	4	3	2	2	4	3	2	2	3	3	4	3	5	4	4	4	4	4	3	4	3	2	4	3
12	5	4	3	4	2	1	3	2	2	2	3	3	2	1	1	1	1	1	1	1	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	2	1
14	2	2	2	3	2	3	3	2	2	1	2	2	1	3	4	4	4	3	5	5	6	5	4	2	3
15	2	3	3	2	1	2	2	3	3	4	4	2	3	2	2	3	3	3	2	3	2	1	0	1	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0
17	-	0	2	****	1	2	2	3	2	1	2	2	2	2	3	2	3	3	3	3	3	3	3	3	2
18	2	2	1	1	1	2	2	2	2	2	2	****	3	3	4	3	3	4	3	4	4	3	3	3	3
19	3	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	1	1	2	2	1	1	1	2	2
20	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	4	2	3	4	5	4	2
21	****	3	2	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	1
22	0	0	0	0	1	1	1	0	0	****	1	1	1	1	1	2	2	2	2	3	3	2	2	****	1
23	1	1	0	0	0	1	1	1	1	2	2	2	1	2	3	3	3	4	5	5	5	4	3	2	2
24	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	2	1	2	3	3	3	2	1	0	1
25	0	0	0	0	-	****	0	1	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	3	3	3	2	2
28	1	1	1	1	2	2	2	2	3	3	4	2	2	2	2	3	3	3	3	4	4	3	4	4	3
29	3	2	2	2	2	2	2	3	3	3	3	5	4	4	6	6	4	4	4	4	4	4	3	3	3
30	3	3	2	3	3	2	2	2	1	3	3	3	3	3	4	4	3	3	3	4	5	6	6	5	3
31	5	4	4	4	3	4	6	9	7	****	****	3	3	4	4	4	4	4	5	6	5	5	4	3	5
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2.0

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	2	3	4	3	2	1	2	****	-	-	3	3	3	4	4	5	4	4	5	4	3
2	3	3	2	3	3	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	1	1	3	2	1
3	3	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	4	4	3	5	2
4	4	4	4	2	3	3	4	4	3	2	1	2	2	2	3	4	4	4	5	5	7	5	4	5	4
5	5	4	3	2	3	4	3	2	1	2	1	-	0	0	1	0	0	0	1	1	2	2	1	1	2
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	3	2	2	1
7	2	1	1	1	1	2	1	2	2	2	2	3	3	4	4	4	5	4	4	4	4	3	2	3	3
8	2	2	1	2	3	3	4	4	3	2	2	****	2	2	2	2	2	3	3	3	2	4	4	3	3
9	4	3	3	3	3	3	3	4	4	4	3	2	3	2	2	3	2	2	3	3	3	2	2	2	3
10	2	2	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	0	1
11	0	1	0	0	0	1	2	1	1	0	1	1	1	0	1	-	****	-	-	1	2	1	1	1	1
12	****	1	0	1	1	1	1	1	0	0	****	0	0	0	0	0	0	0	****	1	2	1	2	1	1
13	1	1	1	1	1	1	2	1	0	0	0	0	0	****	7	0	0	0	0	1	1	2	3	2	1
14	2	2	2	2	****	2	****	****	3	****	2	2	2	4	4	5	4	4	4	6	4	4	5	5	3
15	5	4	4	4	3	3	5	4	3	2	****	****	2	2	3	3	3	2	3	4	4	3	3	4	3
16	2	3	3	1	2	4	3	3	3	3	3	3	3	2	2	1	2	1	2	2	2	3	5	6	3
17	5	5	5	2	2	2	3	2	1	1	1	2	2	3	2	2	1	1	1	2	2	1	1	1	2
18	0	0	0	0	0	0	0	0	0	0	****	1	2	2	1	2	2	3	3	4	4	4	4	2	1
19	2	1	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1	2	3	3	4	4	3	3	2
20	3	2	2	1	1	2	2	2	3	2	2	3	3	3	4	4	3	2	3	3	3	3	3	2	3
21	3	3	4	1	2	3	4	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	2	3
22	2	2	2	1	2	2	3	3	3	3	4	4	3	2	1	1	-	1	1	1	1	1	1	1	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
24	1	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
25	0	0	0	0	0	1	1	1	0	1	1	****	1	1	1	1	-	1	1	2	3	3	3	3	1
26	2	2	2	2	2	3	2	2	2	2	2	2	3	3	****	3	3	3	3	4	5	4	4	4	3
27	4	4	3	2	2	3	3	2	3	3	3	2	2	2	2	3	3	2	3	3	3	2	1	4	3
28	4	2	2	2	2	3	4	3	6	4	5	3	3	2	4	4	4	4	5	6	5	4	5	4	4
29	2	2	1	1	3	3	3	3	2	3	4	3	3	3	3	4	5	3	3	3	2	4	3	-	3
30	3	2	1	1	1	1	1	2	2	2	2	3	3	2	2	-	2	2	2	2	2	1	1	1	2
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2.1

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	1	2	2	1	2	1	1	1	1	3	4	3	3	3	2	2
2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
3	0	0	0	0	0	1	1	1	1	****	****	0	0	0	0	0	1	0	0	1	1	1	1	1	0
4	1	1	1	1	1	2	2	2	2	1	1	2	1	1	1	1	0	0	0	1	1	1	0	0	1
5	0	0	0	0	0	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	1	1	1	1	0
6	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
7	1	0	0	0	0	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	4	4	4	4	2
8	3	3	2	2	2	1	2	1	2	2	2	1	1	1	1	1	1	1	1	4	5	6	5	3	2
9	3	2	1	0	1	3	4	5	4	4	3	3	3	4	5	5	5	5	5	5	3	4	4	4	4
10	3	1	1	1	2	3	4	3	3	****	2	-	2	2	3	2	3	2	3	3	3	3	2	1	2
11	2	2	3	3	3	3	3	2	2	2	2	2	2	1	2	2	2	3	3	3	3	2	3	5	3
12	3	4	3	3	2	2	3	2	3	1	2	****	3	3	3	3	2	3	3	4	5	7	7	6	3
13	5	2	3	2	2	3	4	4	3	3	3	2	1	1	2	2	2	3	5	6	5	4	5	4	3
14	4	4	4	3	2	2	1	2	2	3	3	2	2	3	3	3	3	2	3	3	3	5	5	5	3
15	3	2	3	2	2	1	1	1	1	1	1	2	1	1	2	1	2	1	1	2	3	2	1	1	2
16	1	2	1	0	0	1	1	2	1	0	3	2	1	2	2	0	0	0	0	1	1	1	0	0	1
17	0	0	0	0	0	0	1	-	1	1	0	1	1	1	1	1	1	2	1	2	2	1	1	0	1
18	0	1	0	0	0	1	1	1	1	2	2	1	2	1	1	1	1	1	2	2	5	4	1	1	1
19	0	1	1	1	1	2	1	0	0	****	2	3	2	2	2	2	2	2	3	4	5	7	6	5	2
20	5	4	3	3	2	3	3	5	6	3	2	2	3	3	2	2	2	2	3	5	6	5	5	5	4
21	****	4	3	2	2	2	2	3	3	3	3	3	2	2	3	2	2	2	3	4	7	5	6	5	3
22	5	5	5	3	2	2	-	3	2	2	2	2	2	2	1	1	1	2	2	2	2	3	7	4	3
23	****	1	1	1	1	3	4	5	4	4	3	4	3	3	3	4	4	4	4	4	6	5	4	2	3
24	2	2	2	2	2	3	2	2	2	2	2	****	1	1	1	2	2	1	1	2	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1	3	2	2	2	1	1	1	1
26	1	1	1	2	1	2	2	2	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	1	1	2	-	1	1	1	1	2	3	4	5	5	4	1
28	3	2	2	1	1	1	1	2	2	2	3	3	2	1	1	1	1	2	2	2	3	2	1	1	2
29	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	1	1	2	2	2	3	4	3	1
30	2	1	1	0	1	1	1	2	11	3	1	1	1	1	1	3	3	4	4	3	3	3	2	2	2
31	2	1	1	1	1	2	5	4	2	2	2	2	2	2	1	2	2	2	2	2	4	4	2	1	2
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	1	2	1	2	2	2	3	3	3	3	2	1.9

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	0	2	2	2	2	2	2	2	2	2	3	3	2	1	1	1
2	2	1	0	0	1	3	3	2	2	1	1	1	1	1	0	0	0	0	1	2	3	3	1	1	1
3	1	2	1	1	1	1	1	2	2	2	1	1	1	1	2	2	3	3	4	4	5	7	5	5	2
4	4	3	3	2	3	2	2	3	2	1	2	1	2	1	1	1	1	1	1	1	4	4	2	3	2
5	3	3	3	1	0	0	1	1	0	0	0	0	1	1	0	1	1	0	0	1	0	1	1	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	2	1	1	0
7	0	0	0	0	1	1	2	1	1	3	2	****	****	3	1	2	2	2	3	4	1	0	0	0	1
8	0	1	1	1	1	2	2	2	1	0	0	2	1	2	3	2	1	0	0	1	1	1	1	1	1
9	1	1	0	0	0	1	1	1	1	***	1	1	2	***	2	1	2	2	2	2	2	2	2	1	1
10	1	1	1	0	0	1	1	1	1	2	2	0	0	0	0	0	1	0	1	1	2	1	1	1	1
11	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	1	1	1	1
12	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	2	1
13	1	1	1	1	1	3	2	2	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
14	1	1	1	0	0	0	1	1	0	0	****	0	0	3	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
16	0	0	0	0	0	1	1	1	0	0	0	0	1	****	1	1	2	2	3	6	6	5	5	4	2
17	3	2	1	1	1	2	2	2	3	2	3	2	4	3	3	3	3	3	3	3	3	4	3	4	3
18	3	2	3	2	2	2	2	2	2	2	1	3	3	3	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	5	5	3	2	1	1
20	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	3	2	2	1
21	2	2	1	1	1	2	2	2	1	0	2	2	1	1	2	2	2	2	2	3	3	3	2	2	2
22	1	0	0	0	0	1	0	1	1	1	2	1	1	2	2	2	2	2	2	1	2	2	2	1	1
23	2	2	2	2	1	2	2	3	2	3	3	****	4	3	4	3	4	4	4	4	3	3	2	2	3
24	1	1	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2
25	2	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	2	4	2	1	1	1	2	1
26	3	2	2	2	2	1	1	1	0	1	1	2	1	1	1	1	1	2	1	2	3	2	2	1	2
27	0	0	0	0	0	1	2	2	1	2	1	1	1	0	1	1	2	2	3	6	4	3	3	3	2
28	1	1	1	0	0	2	2	2	2	2	1	3	3	2	3	3	3	3	4	3	3	2	3	2	2
29	2	1	1	3	2	3	3	3	2	2	2	3	2	2	3	2	3	2	4	5	3	3	3	4	3
30	3	3	2	2	3	2	4	3	2	1	****	2	2	2	2	1	1	1	1	1	1	1	1	1	2
31	1	0	0	1	1	2	1	1	1	2	1	2	2	1	3	2	2	3	3	3	4	3	3	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	1.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	1	2	2	3	2	3	3	3	3	3	4	4	3	3	4	2	2	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	2	2	2	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1
4	1	1	0	0	0	1	1	1	1	1	1	2	1	1	2	2	2	2	2	3	2	2	2	2	1
5	2	1	1	1	1	2	2	2	2	2	2	1	2	2	3	3	4	4	4	4	2	2	1	1	2
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	1	2	2	2	2	1	1
9	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1
10	1	1	1	1	2	2	3	2	1	1	2	****	3	3	4	3	3	2	1	1	1	1	2	2	2
11	1	1	1	1	1	1	2	2	1	0	0	0	0	1	1	-	2	2	3	3	3	3	3	2	1
12	2	1	1	1	1	2	2	2	1	1	1	2	2	1	2	2	4	3	3	2	2	1	1	1	2
13	1	1	1	1	2	2	2	3	2	2	3	3	3	****	3	4	5	6	6	4	2	2	2	1	3
14	1	1	2	2	1	1	2	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	1
16	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	3	4	3	2
17	3	2	2	2	2	3	4	3	4	3	3	2	2	2	2	2	3	3	4	3	3	3	3	2	3
18	2	2	2	2	2	4	4	2	2	2	2	1	2	2	2	3	3	1	1	****	1	1	0	0	2
19	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	1	***	2	2	2	2	2	2	1
20	2	2	2	2	1	2	2	3	3	2	2	2	****	2	1	1	2	3	4	4	3	4	4	4	2
21	4	4	3	2	2	2	2	4	3	2	2	2	2	1	2	1	1	1	2	2	****	2	2	1	2
22	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	1	1	1	1	1
23	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1
24	2	1	1	1	1	2	2	2	2	1	2	2	1	1	3	3	4	4	4	3	3	3	3	3	2
25	2	2	2	2	2	2	2	3	3	3	2	2	****	****	3	2	3	3	5	6	6	6	4	4	3
26	4	3	3	3	2	2	3	3	1	1	0	0	3	5	4	2	3	4	5	4	3	2	2	2	3
27	2	2	2	1	2	2	3	2	3	2	4	4	****	3	3	3	8	6	7	6	5	5	4	3	4
28	3	2	2	2	2	3	2	3	4	3	3	3	3	4	4	3	4	4	6	4	4	3	3	3	3
29	2	2	3	3	3	2	3	2	2	1	2	2	2	2	2	3	2	3	5	4	3	2	2	1	2
30	2	1	1	1	1	1	2	1	2	1	1	1	1	2	2	2	2	3	4	4	4	4	2	2	2
MEAN	2	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	1	2	2	2	2	1	1	1	2	2	3	2	2	4	3	2	2	3	2	2	2	2
2	1	1	0	0	1	1	1	1	1	1	1	****	2	2	3	2	2	2	1	1	1	1	1	0	1
3	0	1	0	0	1	1	2	2	2	1	2	2	2	3	2	2	3	3	3	2	1	3	3	2	2
4	2	1	0	0	2	3	3	3	3	2	3	****	2	2	3	4	3	4	5	4	4	4	4	4	3
5	3	2	2	2	3	2	2	1	2	2	3	4	4	5	4	5	5	4	4	2	3	1	1	1	3
6	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	1	2	2
7	2	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
8	1	-	1	1	0	1	1	0	0	0	0	0	0	1	1	2	2	4	3	3	3	3	2	2	1
9	1	1	1	1	1	1	1	1	1	1	-	****	1	1	1	1	1	2	3	3	3	3	3	3	2
10	2	2	-	2	2	****	2	2	2	2	2	1	2	1	3	2	4	2	3	3	3	2	2	1	2
11	1	1	1	2	3	2	3	3	2	2	2	2	2	****	****	2	3	2	2	2	3	3	3	2	2
12	2	1	1	2	1	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3	2
13	2	2	1	1	1	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1
14	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	2	2	3	3	3	1
15	3	3	3	2	2	3	3	-	3	****	3	3	3	3	3	3	3	2	2	2	1	2	1	1	2
16	1	1	1	1	1	1	2	2	1	1	1	-	****	2	2	3	3	2	3	3	3	2	2	2	2
17	1	2	1	1	2	3	3	-	-	2	2	2	2	3	3	2	4	3	3	3	4	3	3	3	3
18	4	3	1	1	1	1	1	2	1	1	1	2	3	1	1	2	****	4	3	2	2	2	2	2	2
19	1	1	1	1	1	2	2	2	2	2	2	2	3	3	4	-	-	5	4	4	5	3	4	2	3
20	2	2	3	2	1	2	2	3	2	2	1	1	1	2	3	5	4	4	4	4	4	3	3	3	3
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	5	4	4	4	3	2
22	3	3	2	2	2	2	3	2	2	2	2	2	1	2	2	4	4	5	5	4	4	4	3	1	3
23	1	1	1	1	2	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1	0	0	0	0	-	0	0	1
25	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	0	0	1	1	0	0	****	-	0	-	1	1	1	1	1	1	1	1	14	1	1
27	1	1	0	0	0	1	1	1	1	3	1	2	2	3	1	2	2	3	2	1	2	1	1	1	1
28	1	1	-	0	0	1	1	1	1	2	2	1	1	1	1	1	2	2	2	2	1	1	0	0	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	1
30	2	2	1	0	0	0	1	1	3	1	1	1	2	3	2	3	2	4	3	3	2	2	2	2	2
31	1	1	1	0	1	1	2	2	1	1	2	1	2	1	2	3	4	4	3	3	2	3	3	2	2
MEAN	2	1	1	1	1	2	2	2	1	1	2	1	2	2	2	2	2	3	2	2	2	2	2	2	1.8

PERCENTAGE OF OATA VALIO - 96.9 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	2	2	3	4	4	4	4	5	5	4	4	5	4	5	5	6	6	4	1	2	4
2	2	2	2	3	3	2	3	3	4	4	4	2	3	2	2	3	4	4	4	4	3	3	3	2	3
3	1	2	2	2	2	2	2	2	2	1	4	3	3	2	3	2	2	4	2	1	2	2	2	-	2
4	3	3	2	1	1	1	0	0	0	0	0	0	0	0	1	1	2	3	2	2	2	4	4	4	2
5	4	3	3	3	3	3	4	4	4	3	3	2	3	3	4	5	6	4	5	5	4	4	4	4	4
6	4	3	3	2	3	2	4	3	4	3	3	3	4	5	4	4	4	5	4	4	4	4	3	3	4
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	3	2	2	1
8	1	3	3	2	1	-	****	1	2	2	2	2	2	2	2	3	3	3	2	2	3	3	4	4	2
9	4	5	5	5	4	4	4	5	5	3	2	2	2	0	8	4	3	3	2	-	2	3	3	3	4
10	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2
11	2	2	-	1	0	0	1	1	1	1	2	2	-	2	2	2	1	1	1	1	2	2	3	3	2
12	3	2	1	-	0	0	1	2	1	1	0	1	0	1	2	3	4	5	5	6	5	5	3	2	2
13	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	3	2	3	3	3	3	3	4	4	2
14	2	2	2	3	2	2	3	2	2	2	1	****	1	1	1	1	1	2	2	3	2	2	2	2	2
15	2	2	3	3	3	3	3	3	4	2	2	2	2	2	3	3	3	3	3	3	2	2	1	0	2
16	0	0	0	0	0	0	2	3	2	0	0	0	****	0	3	3	4	3	3	3	3	3	3	3	2
17	3	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	3	4	4	5	3
18	4	5	4	3	3	3	3	2	3	2	2	3	2	3	3	3	3	3	3	2	3	2	2	2	3
19	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	3	3	2	2	2	2	2	3	2
20	3	3	3	3	3	3	3	3	4	3	4	4	4	3	4	4	3	2	2	2	2	1	1	1	3
21	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	-	-	1	2	11	2	2	2
22	2	2	2	2	2	2	2	3	3	2	4	4	3	3	4	4	4	4	4	5	4	4	3	4	3
23	4	4	3	3	4	4	4	3	4	4	6	5	4	4	5	7	6	6	6	5	4	5	-	4	5
24	4	-	4	4	2	1	1	2	1	1	1	1	1	1	2	2	3	3	3	3	3	****	3	3	2
25	3	5	3	3	2	3	3	2	2	2	2	2	2	1	1	2	2	2	1	1	1	1	1	1	2
26	1	1	1	2	2	2	2	2	2	3	2	3	3	2	2	2	2	3	2	2	2	2	2	2	2
27	1	1	1	2	2	1	2	2	2	2	2	****	1	2	2	2	3	3	3	3	3	3	3	3	2
28	3	2	1	1	1	2	2	2	1	1	0	1	1	1	1	1	2	2	3	2	2	2	2	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	****	2	2	2	2	3	2	1
30	2	2	2	2	1	1	2	2	2	2	1	1	1	1	1	2	3	3	2	3	3	3	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2.4

PERCENTAGE OF OATA VALIO - 97.6 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 1.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 4S02S RITSON RO/OLIVE AVE, OSHAWA MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	3	3	2	3	3	3	2	3	2	2	2	2	****	2	2	1	1	1	1	1	1	2
2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	2	3	3	3	3	1
3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	****	2	2	2	2	3	3	3	3
4	3	2	2	2	2	2	2	2	2	2	2	****	1	1	1	1	2	2	2	3	2	3	3	3	2
S	3	3	3	2	2	2	2	2	3	2	3	2	2	3	3	3	4	5	S	3	3	3	S	3	3
6	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	3	2	2	2	3
7	2	2	2	2	2	3	4	3	3	2	1	3	2	2	2	3	3	3	3	3	2	2	2	2	2
8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	****	2	2	1	1	1	1
9	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	3	2	3	2	2	1	1	1
10	1	1	2	3	2	2	2	2	2	1	1	1	2	2	1	2	2	2	2	2	2	2	3	3	2
11	3	3	3	2	2	2	3	3	3	3	2	2	2	2	3	3	4	4	4	4	4	3	3	2	3
12	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	2	3	3	3	3	2	2	2	2	1
14	2	1	1	2	2	2	2	3	2	2	2	1	1	****	1	1	2	2	2	2	2	1	1	1	2
1S	1	1	2	3	3	3	3	1	1	2	2	2	1	1	2	2	2	3	2	3	2	3	3	3	2
16	3	3	3	3	3	2	2	2	2	2	2	2	2	3	3	2	1	0	0	0	0	0	0	0	2
17	0	0	0	1	1	1	1	2	2	1	1	2	3	2	1	1	2	3	2	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
19	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	2	1	2	****	2	2	1	2	2	3	2	3	2	2	4	3	2
21	5	4	2	3	2	3	4	4	5	3	3	2	3	2	4	2	4	3	3	3	3	4	3	3	3
22	3	3	3	2	1	2	2	2	3	3	4	3	3	4	4	4	3	3	3	3	2	3	3	3	3
23	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	3	2	2	2	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	2	1	1
25	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	0
27	1	1	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	2	2	3	2	3	2	2	1
29	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	1	1	2	3	1
30	1	1	2	2	2	2	1	0	1	1	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1
31	1	1	2	3	2	2	3	3	4	3	2	2	3	3	2	3	3	3	3	4	4	3	4	-	3
MEAN	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 4S02S RITSON RO/OLIVE AVE, OSHAWA

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	1.7	3	S
FEB	28	1.6	S	9
MAR	31	2.S	S	7
APR	30	2.1	4	8
MAY	31	2.0	S	9
JUN	30	2.1	4	7
JUL	31	1.9	4	11
AUG	31	1.S	3	7
SEP	30	1.8	4	8
OCT	31	1.8	3	14
NOV	30	2.4	S	11
OEC	31	1.7	3	S
YEAR	3S1	1.9	S	14

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	195	219	14	0	0	0	0	428
FEB	372	214	72	7	0	0	0	665
MAR	167	431	136	2	0	0	0	736
APR	305	302	99	1	0	0	0	707
MAY	325	284	116	4	0	0	0	729
JUN	262	318	110	2	0	0	0	692
JUL	350	284	91	5	1	0	0	731
AUG	407	293	34	1	0	0	0	735
SEP	335	309	64	2	0	0	0	710
OCT	339	331	50	0	0	1	0	721
NOV	177	395	128	2	1	0	0	703
DEC	327	377	31	0	0	0	0	735
YEAR	3561	3757	945	26	2	1	0	8292

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	SD	70	90	95	98	99	MAX	ARITH MEAN
94.7	0	0.0	0.6	1.3	2.0	3.2	3.9	4.7	5.2	14	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2
2	1	1	D	0	D	1	2	3	2	2	2	2	2	2	3	3	3	3	2	2	1	1	1	1	2
3	1	1	1	1	2	1	2	2	2	2	2	2	2	****	2	2	3	2	3	3	2	2	2	2	2
4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	1	1	1	2
5	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	4	3	3	3	3	3	2
6	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	2	2	3	3	2	3	3
7	3	3	3	2	2	2	2	3	2	2	****	****	3	3	4	4	3	3	3	3	3	3	3	3	3
8	3	3	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3
9	2	2	2	2	2	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3
10	3	3	3	3	3	2	3	3	3	3	2	3	3	3	3	3	3	3	4	4	3	3	3	3	3
11	3	3	3	3	3	3	3	4	4	4	3	2	3	3	3	3	3	4	4	4	4	4	4	4	3
12	4	4	4	4	4	4	4	4	4	4	4	2	2	****	2	3	3	4	4	4	5	S	6	6	4
13	5	S	4	4	4	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3
14	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2
15	1	1	1	1	1	1	1	2	3	3	2	2	3	****	2	3	3	3	3	3	3	2	2	2	2
16	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	3	4	S	5	****	4	4	4	4	3
17	4	4	4	4	S	S	3	3	2	2	2	2	3	3	3	4	4	4	4	3	3	3	2	2	3
18	2	2	1	1	1	2	2	3	4	3	2	2	3	3	3	3	3	3	4	4	4	4	4	4	3
19	4	3	3	3	3	4	4	4	4	5	5	6	****	6	6	4	3	3	3	4	4	4	3	2	4
20	2	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3
21	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	3
22	1	1	1	1	1	1	1	2	3	3	2	2	1	2	2	2	3	3	2	3	3	3	3	3	2
23	2	2	1	1	1	2	2	3	3	3	3	2	2	3	4	3	4	4	3	3	3	3	3	3	3
24	3	2	2	2	1	2	3	3	3	2	2	2	3	3	4	4	3	3	****	2	2	2	2	1	2
25	1	1	2	3	3	2	3	4	4	4	4	4	4	3	3	4	3	3	3	3	3	3	3	2	3
26	2	1	1	1	1	1	2	3	3	2	2	2	2	3	3	****	3	3	3	3	3	3	3	3	2
27	3	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3
28	3	3	3	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
29	1	1	1	1	D	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30	2	1	1	1	1	1	2	2	2	2	1	2	2	1	2	2	2	3	3	3	3	3	2	2	2
31	1	1	1	1	1	1	2	4	4	3	4	3	2	2	2	2	2	3	2	2	2	1	1	1	2
MEAN	2	2	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	2	2.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - FE8 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	2	3	3	3	3	2	2	2	2	2	3	2	2	2	2	2	1	1	2
2	1	0	0	0	0	0	1	2	3	2	2	2	2	2	2	3	3	3	3	4	4	4	4	5	2
3	4	4	4	3	3	3	3	4	3	3	3	3	3	2	3	3	3	5	5	5	5	5	5	4	4
4	5	4	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
5	1	1	1	1	0	0	1	3	2	2	2	1	1	1	1	2	2	3	3	2	2	2	2	2	2
6	2	2	2	1	2	2	3	4	5	5	5	4	3	4	3	4	4	4	4	4	4	5	5	5	4
7	4	4	4	4	4	4	4	5	3	3	3	3	3	3	2	2	2	****	2	3	4	4	4	4	3
8	4	3	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	4	3	3	2	3	2	2	2
9	1	1	1	1	1	1	2	3	3	3	3	****	3	3	3	3	3	4	4	4	4	4	4	4	3
10	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	4	3	2	3	3	3
11	3	3	3	3	3	3	3	3	3	2	2	****	3	4	3	3	3	3	4	4	4	4	4	4	3
12	4	5	4	4	4	4	4	4	5	5	5	5	5	4	5	6	6	5	5	4	3	3	3	3	4
13	2	2	2	2	1	2	3	3	3	3	3	3	2	2	2	3	3	4	4	4	4	4	3	3	3
14	3	3	3	3	3	3	3	4	4	4	4	4	4	5	4	4	3	2	2	2	2	2	4	3	3
15	3	3	3	3	2	3	3	3	4	4	4	3	3	2	2	****	2	2	2	2	2	2	3	3	3
16	3	2	2	2	2	2	3	4	4	3	3	3	3	2	2	3	3	4	3	3	3	3	2	2	3
17	2	2	1	1	1	2	2	3	3	2	2	3	3	****	3	3	3	4	4	4	4	3	3	4	3
18	4	4	4	4	3	4	4	4	3	1	2	1	2	2	2	2	2	1	2	2	2	2	3	2	3
19	1	1	1	2	4	4	4	4	4	4	5	5	4	4	3	3	3	4	5	6	6	5	4	3	4
20	4	3	3	2	2	2	3	4	4	4	4	4	4	4	4	3	4	6	6	6	7	7	6	6	4
21	6	6	6	5	5	5	5	5	5	4	4	4	5	4	3	2	2	2	3	2	2	2	2	1	4
22	1	1	1	1	1	1	2	3	3	3	3	3	3	4	4	3	5	5	****	4	4	3	2	2	3
23	3	2	2	1	1	1	2	3	3	4	4	4	5	5	5	6	5	5	5	5	4	4	3	3	4
24	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	2	2	2	3
25	2	2	2	2	1	1	2	2	2	2	3	3	3	3	4	3	4	4	4	4	3	3	3	3	3
26	2	2	1	1	1	2	3	4	4	3	2	2	3	****	2	3	4	4	4	4	4	2	2	3	3
27	2	2	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3
28	4	4	4	4	4	4	4	4	4	5	5	5	5	6	6	7	8	10	****	10	9	9	9	8	6
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF OATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NDTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	6	8	6	4	3	4	5	4	4	3	4	4	4	5	6	6	7	7	6	6	6	5	5
2	4	3	2	2	2	2	3	4	4	4	5	5	3	3	3	4	5	6	****	5	5	4	4	4	4
3	4	4	3	2	2	2	3	3	3	2	3	3	3	3	3	3	3	4	4	5	6	5	4	4	3
4	4	3	3	2	2	2	1	2	2	2	2	2	3	3	4	5	5	5	5	4	4	4	4	4	3
5	3	3	3	3	2	1	2	3	3	2	2	2	2	2	2	3	3	3	****	3	4	4	4	4	3
6	3	3	4	4	4	3	3	4	4	4	3	3	3	2	2	2	3	3	3	3	3	2	2	3	3
7	3	3	3	3	3	3	3	4	5	5	3	2	2	3	3	2	2	3	5	5	5	5	5	5	4
8	6	6	5	4	4	4	4	4	5	5	5	4	4	5	4	5	5	5	5	4	4	4	4	3	5
9	3	3	3	2	2	3	4	4	5	5	6	6	****	3	4	4	5	5	5	5	5	4	4	5	4
10	4	4	4	2	2	2	2	2	2	3	3	3	2	2	2	3	3	3	2	2	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	2	2	2	1	2	2	2	1	1	1
12	1	1	1	0	0	1	1	2	2	1	1	1	1	1	1	2	2	2	2	3	4	3	4	4	2
13	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	2	2	2	2	2	2	3
14	2	1	1	1	1	1	1	2	2	2	2	2	1	****	1	2	2	2	2	2	2	1	1	1	2
15	1	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2
16	3	2	1	1	1	1	2	3	3	2	2	2	2	2	2	3	3	4	6	6	6	4	4	4	3
17	4	3	3	3	3	3	3	4	4	3	****	****	4	5	5	5	4	4	5	5	4	5	5	5	4
18	5	4	4	4	4	3	4	4	5	5	4	4	4	3	2	1	2	2	7	8	7	5	2	2	4
19	2	1	2	2	3	4	5	5	4	4	3	4	5	4	5	3	2	3	4	5	5	5	4	4	4
20	4	4	4	4	4	3	4	4	5	5	5	3	4	6	6	6	6	5	5	5	5	4	4	3	5
21	2	2	2	3	2	3	4	5	5	7	6	3	3	2	2	2	3	4	5	5	6	6	5	5	4
22	5	6	5	5	4	3	4	5	5	7	9	9	6	6	5	5	4	5	9	****	10	8	7	8	6
23	7	7	6	5	5	5	5	6	4	4	3	3	3	4	5	5	4	5	8	9	9	7	4	4	5
24	5	5	2	1	1	1	1	2	3	3	2	5	5	5	6	6	4	5	6	5	4	2	3	2	4
25	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	1	1	1	1	1	1	2	3	2	2	****	2	2	2	1	2	2	2	3	2	1	1	1	2
27	2	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	****	4	3	3	4	4	2
28	4	4	4	4	3	3	4	4	2	1	1	2	2	2	5	3	2	3	3	4	3	3	4	4	3
29	4	4	4	3	3	4	4	4	4	3	3	3	4	3	3	3	4	4	3	3	3	4	4	3	4
30	4	3	1	1	1	1	3	4	4	4	4	4	****	4	4	4	5	5	5	5	6	5	4	4	4
31	2	1	2	3	4	2	3	3	3	2	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2
MEAN	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF OATA INVALID - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	2	1	1	2	1	2	2	2	1	1	2	2	2	2	2	1	1	2
2	1	1	1	1	1	1	2	3	3	3	3	****	3	4	4	5	3	2	3	3	2	2	1	1	2
3	1	1	1	1	1	1	2	3	3	2	3	2	2	2	2	3	3	4	4	4	4	4	3	3	2
4	4	3	3	3	3	3	4	4	3	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2
5	3	1	1	1	1	1	2	2	3	2	3	3	2	3	3	2	3	2	3	4	2	2	1	1	2
6	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
7	1	1	1	1	0	0	1	1	1	2	2	2	2	2	2	2	2	2	2	3	2	2	2	3	2
8	2	2	3	2	3	2	2	2	3	2	1	1	1	2	2	3	4	4	3	4	5	4	4	4	3
9	3	2	2	2	2	2	2	4	4	4	3	3	3	3	3	4	4	5	5	5	5	4	4	3	3
10	3	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	3
11	4	4	3	3	3	4	4	5	3	2	4	3	4	3	2	2	3	3	3	3	2	2	2	3	3
12	3	2	2	1	1	1	2	2	2	2	2	2	2	3	****	****	2	2	2	2	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2
14	2	2	1	1	1	1	2	2	1	2	2	2	2	2	2	4	2	5	6	4	5	5	2	2	3
15	3	2	2	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2
16	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2
17	2	1	1	1	1	1	3	3	4	3	2	2	2	2	2	3	3	4	4	4	4	2	3	4	3
18	3	2	1	1	1	1	3	4	3	2	2	2	2	2	2	4	3	3	4	****	4	4	3	3	3
19	2	2	1	1	2	3	4	4	4	3	2	2	2	2	2	3	3	4	4	5	5	4	4	4	3
20	3	2	2	3	3	2	4	5	6	6	7	7	7	7	4	4	4	5	6	6	6	6	5	5	5
21	5	5	5	4	4	5	6	5	5	5	6	5	4	4	3	3	3	5	6	6	6	5	5	3	5
22	5	5	4	4	3	2	1	1	1	1	2	2	2	2	2	2	2	3	5	6	6	4	3	3	3
23	3	2	2	2	2	2	2	3	4	6	5	4	2	2	2	4	4	5	6	6	7	6	7	5	4
24	4	3	3	3	4	4	4	6	8	8	8	5	4	3	3	3	4	5	6	8	7	6	6	6	5
25	6	7	6	4	2	1	3	6	7	5	4	5	4	4	4	5	5	7	5	6	5	8	8	7	5
26	7	5	3	4	5	5	5	5	5	4	4	2	2	2	3	4	4	5	4	4	3	3	3	4	4
27	5	4	2	1	1	1	2	3	3	2	3	2	3	3	3	3	3	3	3	3	3	3	2	3	3
28	2	2	2	2	2	2	2	3	3	3	2	2	3	3	3	3	3	4	4	4	4	4	4	3	3
29	3	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
30	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	4	3	2	1	******
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	4	4	4	4	3	3	3	2.8

PERCENTAGE OF DATA VALID - 94.7 PERCENTAGE OF OATA INVALIO - 5.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTE5 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCE5 BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSI5SAUGA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	2	3	3	4	3	3	4	3	2
2	3	3	3	2	2	3	3	4	4	2	2	2	3	2	2	3	2	2	3	3	3	3	3	4	3
3	4	1	1	2	2	3	4	4	4	4	4	4	4	4	5	5	****	5	4	2	2	2	1	1	3
4	1	1	1	1	1	2	3	2	2	3	2	2	3	4	3	3	3	2	2	3	2	2	2	2	2
5	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	4	2	2	2	3	3	2
6	4	3	2	1	1	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	2	2	2	1	2
7	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	5	2	1	2
8	2	2	3	3	2	4	5	6	6	6	5	4	4	4	5	7	8	8	9	8	8	8	8	8	6
9	7	6	6	5	5	6	7	7	7	6	3	2	1	1	2	2	2	2	3	4	5	4	3	3	4
10	4	3	3	2	3	3	4	5	4	5	5	4	4	3	3	6	6	6	8	6	5	5	5	6	5
11	5	3	4	1	3	5	5	5	4	6	5	4	4	3	3	4	3	3	3	4	5	6	7	6	4
12	5	5	4	4	2	5	5	5	5	4	3	3	4	3	3	3	3	3	2	2	2	1	1	2	3
13	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	4	4	3	1	2
14	1	1	1	3	4	4	4	4	3	5	4	3	3	3	3	3	****	4	4	4	5	5	5	5	4
15	3	4	1	1	2	3	4	4	4	4	2	3	4	2	3	3	4	5	5	4	3	3	2	2	3
16	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	3	2
17	3	2	2	2	2	2	3	4	5	3	3	2	2	1	2	2	2	4	4	4	5	5	4	4	3
18	4	4	3	3	3	3	5	5	3	4	3	4	4	4	3	4	5	****	4	5	7	7	6	6	4
19	7	3	2	3	3	4	4	2	2	2	2	2	2	2	2	3	2	3	3	4	4	4	4	3	3
20	4	3	3	3	2	3	3	2	2	2	2	2	2	2	2	3	3	3	3	4	6	7	6	5	3
21	4	4	3	3	3	3	2	1	2	2	2	1	2	1	1	1	2	2	2	2	2	2	2	2	2
22	2	1	1	1	1	2	3	4	5	3	2	1	1	1	1	2	1	****	3	5	5	5	3	2	2
23	2	2	4	4	4	4	4	5	6	3	3	3	3	3	2	3	3	3	5	6	4	5	5	6	4
24	3	2	1	1	2	3	4	5	4	3	3	3	3	3	2	3	3	4	4	4	5	4	4	3	3
25	1	1	1	1	1	3	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	3	3
26	2	1	1	1	1	1	2	2	2	3	2	3	3	3	3	2	2	3	3	4	4	3	3	2	2
27	3	2	1	1	1	2	2	1	2	3	3	2	3	3	3	3	4	3	5	6	6	6	4	4	3
28	4	4	3	2	2	3	3	3	3	5	5	3	5	3	4	3	5	6	6	6	5	4	4	4	4
29	4	3	3	3	3	3	3	4	4	3	3	2	4	3	2	3	4	4	4	3	4	4	4	4	3
30	4	4	4	4	3	3	3	4	5	3	3	4	4	2	3	3	4	4	3	5	7	7	6	5	4
31	5	5	4	4	3	3	4	6	8	7	5	3	5	5	2	3	2	3	4	4	8	7	6	6	5
MEAN	3	3	2	2	2	3	3	3	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3.2

PERCENTAGE OF OATA VALIO - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTE5 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA I5 UNAVAILABLE

3. "******" INDICATES LES5 THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	5	5	5	5	5	3	3	3	3	2	2	2	2	3	3	3	4	5	6	6	5	5	4
2	5	5	4	3	2	3	3	2	2	2	3	3	2	2	2	3	4	4	5	6	6	4	4	4	3
3	2	2	2	1	2	2	2	2	3	3	3	****	1	1	2	1	1	1	2	4	5	5	4	4	2
4	5	4	3	2	2	4	5	6	6	6	5	4	2	2	3	4	4	3	3	4	4	4	2	2	4
5	1	1	1	1	1	2	4	4	2	2	3	2	****	2	2	2	3	3	2	3	3	3	2	2	2
6	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	2	2	2	3	2	2	2	3	3	2
7	3	2	2	2	2	3	3	4	4	3	3	2	2	2	2	3	4	4	4	4	5	5	6	6	3
8	4	2	2	2	3	3	4	5	5	4	3	2	2	1	****	2	2	3	3	3	4	4	4	3	3
9	4	4	4	3	3	3	4	5	6	2	2	2	3	2	2	2	2	2	3	3	4	5	5	6	3
10	5	4	3	2	1	1	3	3	2	2	2	2	3	3	2	1	1	2	2	2	2	2	1	1	2
11	1	1	1	1	1	1	2	2	1	1	2	****	2	2	2	2	2	2	2	3	3	3	3	2	2
12	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	4	3	2	2
13	2	1	1	1	1	2	3	3	2	1	2	2	2	2	2	****	2	3	3	3	4	4	4	4	2
14	4	3	4	3	3	3	4	5	5	4	4	3	2	2	3	3	3	3	4	4	4	7	9	7	4
15	3	2	2	1	1	2	3	1	3	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3	2
16	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	4	4	2
17	2	3	2	2	4	3	5	2	2	2	2	2	1	1	1	1	1	2	2	3	2	2	2	1	2
18	1	0	0	0	1	1	3	3	3	3	3	2	3	5	4	7	5	4	5	6	6	4	3	2	3
19	2	2	2	2	2	3	3	5	4	2	2	1	1	2	1	1	1	1	2	4	5	4	5	5	3
20	5	3	3	4	4	4	3	3	2	2	2	2	3	3	3	3	3	2	3	2	3	6	7	7	4
21	7	4	1	2	3	6	6	5	5	5	4	2	2	3	4	3	4	4	6	7	3	3	3	4	4
22	3	2	4	2	3	3	4	5	4	3	3	2	2	2	2	2	2	1	1	2	1	1	1	1	2
23	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
24	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2	3	2	2	2	1
25	1	1	1	1	2	2	3	3	4	3	2	1	1	1	1	1	1	1	2	4	4	4	4	3	2
26	3	3	3	3	3	3	4	6	4	4	3	****	3	3	2	2	3	4	3	2	2	5	8	7	4
27	5	2	1	1	1	2	4	3	3	3	2	2	2	3	3	4	6	4	3	4	3	3	4	4	3
28	3	3	2	1	2	4	5	5	4	6	5	****	2	2	2	2	2	2	3	5	6	3	4	5	3
29	5	4	3	1	2	3	4	2	2	3	3	4	2	4	4	4	5	4	3	4	6	5	5	4	4
30	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2
MEAN	3	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	3	3	3	3	4	4	4	4	2.7

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FQR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	2
2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
3	1	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	2	****	2	2	2	3	3	3	2
4	2	2	2	1	1	2	2	3	3	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2
5	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	3	3	2	2	1	2
6	1	1	1	1	1	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2
7	3	3	3	3	2	2	2	2	3	4	4	3	2	2	2	2	2	2	3	4	5	2	2	3	3
8	3	3	2	2	2	1	2	1	2	3	3	3	2	2	2	1	1	2	2	4	6	6	6	5	3
9	5	5	4	4	4	3	5	4	3	4	3	3	3	2	3	3	4	4	4	5	5	6	7	6	4
10	4	4	4	1	2	3	4	3	2	3	2	1	2	2	2	3	3	3	2	2	2	2	2	1	2
11	1	1	1	1	1	2	2	3	4	3	3	3	3	3	4	3	4	3	****	5	5	5	5	4	3
12	4	3	3	3	2	3	4	4	4	4	3	3	2	2	2	1	1	2	3	5	7	7	7	6	4
13	6	5	4	3	2	3	4	6	7	3	3	3	2	2	3	2	3	2	2	3	6	7	8	7	4
14	6	6	5	4	4	4	4	5	3	3	3	3	3	4	3	3	3	2	2	4	6	5	4	4	4
15	3	3	3	4	3	3	3	2	2	2	2	****	2	2	2	3	2	3	3	5	5	6	6	4	3
16	3	3	2	2	2	3	4	5	5	3	3	3	6	6	5	4	3	2	2	2	2	2	1	1	3
17	1	1	1	1	2	2	2	3	3	4	2	3	2	1	1	2	2	3	4	2	2	2	1	1	2
18	1	1	1	1	1	2	3	3	3	3	4	3	4	1	1	2	2	2	3	4	5	4	2	2	2
19	3	3	3	2	3	3	3	4	3	2	3	3	2	2	2	2	2	2	2	5	7	6	5	5	3
20	3	3	2	2	2	3	4	6	4	5	3	4	2	2	2	1	1	2	3	4	6	3	4	4	3
21	3	4	4	3	3	3	4	5	4	5	3	2	3	3	2	2	2	2	2	3	4	3	4	4	3
22	4	4	2	2	4	5	2	3	2	1	1	2	2	2	2	2	2	2	3	4	7	6	5	5	3
23	5	2	2	2	3	5	5	7	8	8	6	3	2	2	2	2	2	2	****	3	2	2	3	2	3
24	2	1	1	1	1	3	4	3	3	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2
25	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	3	****	4	3	1	2	3
26	1	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	2	2	2	2	2
27	1	1	1	1	2	2	3	3	3	3	4	3	1	2	3	3	2	2	3	4	7	6	5	5	3
28	4	4	3	2	2	2	3	4	3	3	3	3	2	2	2	2	2	2	2	3	2	2	2	2	3
29	2	2	1	1	1	1	2	2	2	3	1	2	2	1	1	1	1	2	3	5	6	7	3	3	2
30	2	2	2	2	2	2	3	3	2	4	3	3	****	1	2	2	2	2	3	2	2	3	5	2	2
31	2	2	2	1	2	4	4	5	4	4	2	2	2	2	2	3	3	3	3	3	2	3	2	2	3
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	3	3	2.7

PERCENTAGE OF DATA VALIO - 99.2 PERCENTAGE OF OATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - O.O1 PARTS/MILLION

STATION - C ND 4611O QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	1O	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	4	4	2	2	2	2	3	3	2	3	3	3	3	3	2	2	2	2
2	1	1	1	1	2	2	3	2	3	2	2	2	2	1	1	2	2	2	2	3	3	3	2	2	2
3	2	2	1	1	2	1	3	4	6	****	3	4	3	2	2	****	2	3	3	3	3	3	3	2	3
4	3	2	1	2	1	2	3	4	4	4	3	4	3	2	2	2	3	2	3	4	4	4	5	3	3
5	3	3	2	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	2	3	3	2
6	2	1	1	1	1	2	2	2	2	2	2	1	1	2	2	1	2	2	2	4	4	4	4	3	2
7	3	3	2	2	2	2	3	4	5	3	3	3	4	2	3	2	3	3	3	2	2	2	2	1	3
8	2	2	1	1	2	2	3	3	3	3	3	3	4	3	2	3	2	2	2	3	3	3	2	2	2
9	2	2	1	2	2	3	4	2	3	3	3	2	3	2	3	2	3	3	3	4	3	3	4	3	3
1D	3	2	1	2	2	2	3	3	4	4	2	2	2	2	2	3	3	2	4	3	3	4	3	3	3
11	2	2	1	1	1	2	2	2	2	2	2	2	3	2	2	1	2	2	3	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	3	4	4	3	3	2
13	3	3	2	2	2	3	3	4	5	4	4	4	3	3	2	2	3	2	2	2	2	2	1	1	3
14	1	1	1	1	2	3	4	3	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	2
15	1	1	1	1	1	2	2	1	2	1	2	2	2	2	2	2	3	2	3	3	3	3	2	2	2
16	2	2	1	1	2	2	3	4	4	4	6	4	2	2	2	2	2	4	5	8	7	5	3	3	3
17	3	3	2	2	2	3	3	4	5	6	5	3	3	3	5	4	4	5	6	5	6	4	3	2	4
18	5	4	3	2	2	2	3	3	5	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4
19	4	4	3	2	1	1	2	1	2	2	2	2	2	2	2	3	3	3	5	7	8	6	4	3	3
20	3	3	2	2	3	3	4	4	5	7	6	4	2	2	2	2	3	6	5	5	4	5	4	4	4
21	4	3	3	2	3	3	4	5	6	7	8	5	2	2	1	1	1	2	4	5	5	4	3	2	4
22	2	2	2	2	2	3	4	5	3	3	****	3	3	3	3	2	2	3	3	3	3	3	2	3	3
23	3	3	3	3	3	3	4	4	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	4	4
24	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	4	5	5	4	4	4	3
25	4	3	3	2	2	2	3	2	3	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	3
26	4	3	3	3	2	3	3	3	3	2	2	****	1	1	2	2	2	2	2	3	4	5	4	4	3
27	3	3	3	3	3	3	3	4	4	4	4	4	3	2	2	2	2	2	4	4	4	5	5	4	3
28	4	3	3	3	4	4	4	4	4	4	4	4	2	2	2	3	3	3	4	4	4	4	4	3	3
29	2	3	3	2	3	4	4	4	4	5	3	3	2	2	2	3	3	3	3	3	3	2	1	3	3
3D	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3
31	2	2	2	2	2	2	3	4	5	4	2	2	1	1	1	1	1	1	2	3	3	4	4	4	2
MEAN	3	2	2	2	2	2	3	3	4	3	3	3	2	2	2	2	3	3	3	4	4	4	3	3	2.8

PERCENTAGE OF OATA VALID - 99.5 PERCENTAGE DF DATA INVALID - O.5 PERCENTAGE OF OATA UNAVAILABLE - O.O

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARID MINISTRY DF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRDGEN DIOXIOE-CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLION

STATION - C ND 4611O QUEENSWAY WEST/HURONTARID ST.MISSISSAUGA MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	2	2	3	3	4	4	5	5	3	2	2	2	2	2	3	3	4	6	7	5	3
2	3	1	2	2	2	2	2	2	3	2	2	2	2	2	1	1	1	1	2	3	2	2	2	1	2
3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
4	2	2	2	1	2	2	3	3	4	5	4	2	2	1	1	2	****	2	3	4	4	4	4	4	3
5	3	3	3	4	3	3	4	5	5	5	5	5	6	4	2	2	2	2	3	5	7	7	7	7	4
6	7	6	3	3	3	4	4	4	4	4	4	3	3	3	3	4	4	3	3	3	3	2	2	2	4
7	1	2	1	1	1	2	2	3	3	3	3	3	****	3	3	2	3	2	2	2	2	2	2	1	2
8	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	3	3	4	3	3	3	3	2
9	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	3	3	4	5	5	4	3	3
1D	3	2	1	2	2	3	3	5	3	2	2	2	3	3	3	4	4	4	3	3	2	2	3	3	3
11	2	2	2	2	2	2	3	4	3	3	4	5	6	5	3	3	3	3	6	7	8	8	7	6	4
12	6	5	2	1	3	4	5	6	3	2	****	3	5	5	4	2	2	3	3	3	3	3	2	2	3
13	2	3	3	3	3	3	5	5	4	3	3	3	3	3	3	3	4	5	7	6	3	3	2	2	4
14	1	1	2	2	2	3	3	4	3	2	3	2	2	2	2	2	3	3	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	4	2
16	3	3	3	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	4	4	4	2	2	2	2
17	1	1	1	2	2	3	4	4	3	3	2	2	2	2	2	3	2	3	5	4	4	3	3	2	3
18	1	1	1	2	2	2	4	4	3	3	2	2	2	2	2	3	3	3	3	3	2	1	1	1	2
19	1	1	1	1	1	2	3	3	2	2	****	2	2	2	3	3	3	3	4	4	4	3	3	2	2
2D	2	2	2	2	2	3	4	5	5	6	5	3	2	2	2	3	4	3	4	4	4	4	3	5	3
21	4	4	4	2	2	3	5	5	4	4	3	3	3	3	3	3	3	3	4	3	3	3	2	2	3
22	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3	3	3	3	2	2	2	3
23	2	2	2	2	2	2	2	2	3	3	2	2	1	1	1	2	1	2	3	4	5	6	5	5	3
24	4	3	3	3	3	3	5	6	6	3	2	2	3	2	2	3	****	4	6	7	7	6	6	5	4
25	5	4	4	4	4	4	4	4	3	4	5	3	3	4	3	3	4	5	6	6	5	6	6	4	4
26	3	3	2	2	2	3	4	4	3	3	2	2	3	3	2	3	4	7	8	8	7	7	5	5	4
27	4	3	2	2	2	3	6	7	7	10	10	9	7	5	4	4	6	7	8	8	10	8	7	6	6
28	6	6	5	5	5	5	7	7	6	4	4	4	4	5	5	5	4	4	6	6	6	5	5	5	5
29	5	4	4	4	5	5	5	5	5	4	3	2	2	2	2	2	3	4	4	5	5	4	4	4	4
30	3	3	4	4	4	3	3	3	4	4	4	3	4	5	3	3	4	5	6	5	3	3	3	2	4
MEAN	3	3	2	2	2	3	4	4	4	3	3	3	3	3	2	3	3	3	4	4	4	4	4	3	3.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE DF DATA INVALID - O.7 PERCENTAGE OF OATA UNAVAILABLE - O.D

NOTES 1. "****" INDICATES INVALID OATA DUE TD INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	3	4	5	5	5	5	6	5	6	6	****	****	3	4	4	5	5	6	5	4
2	4	4	3	3	3	3	4	6	6	6	5	3	2	2	3	4	5	4	3	2	3	2	2	1	3
3	2	1	1	1	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	2	3
4	2	1	1	1	1	3	5	4	4	3	4	6	6	5	4	4	4	4	4	4	4	4	3	3	4
5	3	2	1	1	1	3	3	3	3	3	****	3	3	3	2	3	4	4	5	3	3	2	2	2	3
6	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
8	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	2	2	2
9	3	3	3	3	3	2	2	3	3	3	2	2	2	2	3	3	****	3	3	3	3	2	2	2	3
10	2	2	2	2	2	2	2	3	4	4	5	3	3	3	3	3	4	4	4	4	4	4	4	3	3
11	3	2	2	2	2	2	3	3	4	4	5	4	2	2	3	3	4	****	2	4	3	2	2	2	3
12	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	2
13	2	1	1	1	1	1	2	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	2	2
14	3	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2
15	2	2	2	2	2	3	3	3	3	3	3	3	3	****	****	3	4	4	5	4	4	4	4	3	3
16	3	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	2	3	4	4	4	4	4	4	3
17	4	4	4	4	4	4	4	4	4	4	5	5	4	5	5	6	6	6	6	6	6	6	6	7	5
18	5	4	2	2	2	3	3	4	4	2	2	2	2	2	2	2	3	3	3	4	4	4	3	3	3
19	3	3	3	3	2	2	3	3	3	3	2	3	3	****	4	5	5	5	6	5	5	3	3	2	3
20	2	2	2	2	1	2	3	3	3	2	3	3	3	3	3	3	3	4	3	3	5	5	4	4	3
21	4	4	4	4	3	2	2	1	1	1	1	2	2	2	2	2	2	3	3	2	5	5	5	4	3
22	3	3	3	3	3	3	4	5	6	7	5	4	2	2	2	3	4	6	6	6	6	5	5	4	4
23	4	3	2	2	3	2	3	4	4	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
24	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	****	2	2	2	2	1	1	2
25	1	1	1	1	1	2	3	4	3	2	2	2	2	2	3	3	3	3	4	3	3	3	3	2	2
26	2	2	1	1	2	3	4	3	3	3	2	2	2	3	3	3	4	4	3	3	3	3	3	3	3
27	3	3	2	3	3	3	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	3
28	3	3	2	2	2	2	3	2	2	****	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
29	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3
30	3	2	2	1	1	2	2	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2	2	2	2
31	2	2	2	3	2	2	3	3	3	2	2	2	2	3	3	4	6	5	5	5	5	5	5	5	3
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3	2.8

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	2	4	4	5	5	5	5	5	5	****	6	6	6	6	6	3	4	3	2	2	4
2	2	2	2	2	1	1	2	2	2	2	2	2	-	-	-	-	-	-	****	4	4	4	3	3	2
3	3	3	3	3	3	2	2	3	3	3	2	2	3	3	3	3	4	4	3	3	3	3	2	2	3
4	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	3	4	4	4	4	4	3	3	4	3
5	3	3	2	3	3	3	4	4	6	5	3	2	****	3	4	4	5	4	4	4	4	4	4	5	4
6	4	4	4	4	4	3	4	5	5	7	6	4	4	4	4	4	4	4	5	5	5	7	6	3	5
7	4	2	2	1	1	1	2	3	2	2	2	2	3	3	3	3	3	3	3	2	2	2	3	3	2
8	4	3	3	3	2	2	2	2	2	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	4	4	5	8	10	4	4	3	3	3	3	3	3	2	2	2	2	2	3	3	4
10	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3
11	4	4	4	4	3	3	3	3	3	6	5	4	2	1	1	1	1	1	2	3	2	1	3	3	3
12	3	2	2	1	2	2	3	3	3	3	3	4	4	4	4	4	3	3	3	4	5	5	6	6	3
13	6	6	5	5	4	4	4	4	4	3	3	3	3	3	3	2	3	4	4	4	4	3	3	3	4
14	3	3	2	1	1	2	2	3	2	2	2	2	****	3	3	2	3	3	2	3	3	3	3	3	2
15	3	3	3	3	3	3	3	4	4	4	4	3	3	2	2	3	3	3	3	3	2	2	2	1	3
16	1	1	1	1	1	2	2	2	3	2	1	1	1	1	1	1	2	2	2	1	3	3	3	2	2
17	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	5	5	6	7	8	5	5	4	3
18	4	4	3	3	3	3	3	3	4	5	6	5	****	6	6	5	5	4	4	4	4	4	4	2	4
19	2	2	2	1	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	3	3
20	3	3	3	3	3	3	4	4	4	4	3	3	2	3	2	3	4	4	3	3	3	3	3	3	3
21	2	2	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	2	3	3	3
22	3	3	2	2	2	3	4	5	5	5	5	3	4	5	4	5	5	5	5	5	4	3	3	3	4
23	2	3	4	4	3	4	4	4	4	4	5	5	5	****	4	5	5	6	6	5	5	5	5	4	4
24	5	4	3	2	1	1	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	4	3
25	3	4	4	4	3	3	3	3	4	5	4	2	2	2	2	2	2	2	2	2	2	2	1	1	3
26	1	2	2	2	2	2	3	3	4	3	4	3	2	2	2	2	2	2	2	2	2	2	1	1	2
27	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	4	4	4	4	4	3	4	2
28	4	4	4	4	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3
29	3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3
30	2	2	2	2	1	1	2	3	3	2	2	2	2	3	3	3	4	4	4	4	4	4	4	3	3
MEAN	3	3	3	2	2	2	3	3	3	4	3	3	3	3	3	3	3	4	3	3	4	3	3	3	3.1

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	2	2	3	3	4	4	5	5	5	4	4	4	3	3	3	3	3	3	3
2	3	2	2	2	2	2	2	2	2	2	2	****	3	3	3	3	4	4	4	3	4	4	4	4	3
3	3	3	3	2	3	3	3	4	4	4	3	2	2	2	2	3	3	4	5	4	4	3	2	3	3
4	3	2	2	2	2	2	3	3	3	3	3	3	3	2	2	3	4	4	3	4	4	3	4	4	3
5	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
6	2	2	2	2	2	2	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7	3	3	3	3	3	3	3	4	5	4	3	3	2	2	3	3	4	4	3	2	2	2	2	2	3
8	2	1	1	1	1	1	1	1	2	2	2	****	2	2	2	2	3	3	3	3	2	2	2	3	2
9	3	3	2	2	1	1	1	2	2	2	2	3	3	3	2	2	2	3	3	3	3	3	2	2	2
10	1	1	1	1	2	2	3	7	5	4	2	2	3	3	3	3	3	3	3	3	3	5	6	5	3
11	4	4	2	2	2	2	3	4	4	4	3	3	3	3	3	3	3	4	5	5	3	3	3	3	3
12	2	2	2	1	1	1	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2
13	2	2	2	2	1	2	3	4	5	5	5	4	5	5	4	5	6	6	****	5	5	5	4	3	4
14	3	2	2	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
15	3	3	3	3	3	3	4	6	7	6	4	3	4	3	3	3	4	5	5	4	4	4	4	4	4
16	4	4	4	3	3	3	3	3	3	3	3	3	3	4	4	3	2	2	2	2	2	2	2	2	3
17	1	1	1	2	1	2	3	5	6	6	4	3	2	2	2	2	2	3	3	3	2	2	2	2	3
18	2	1	1	1	1	1	3	4	5	4	4	4	****	****	3	4	4	4	4	4	4	3	2	2	3
19	1	1	1	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	5	5	6	7	7	6	5	4	4	4
21	4	4	4	4	4	4	4	5	6	8	****	12	9	5	3	3	5	5	4	4	4	4	4	4	5
22	3	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3
23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3	3
24	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	3	3	2	2	2
27	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	2	3	2	2	2	1
28	1	1	1	1	0	0	1	2	2	2	1	1	1	1	2	2	2	3	3	3	3	2	2	2	2
29	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
30	1	2	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2
31	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2.7

PERCENTAGE OF OATA VALIO - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.5	4	6
FEB	28	3.1	6	10
MAR	31	3.3	6	10
APR	28	2.8	5	8
MAY	31	3.2	6	9
JUN	30	2.7	4	9
JUL	31	2.7	4	8
AUG	31	2.8	4	8
SEP	30	3.1	6	10
OCT	31	2.8	5	7
NOV	30	3.1	5	10
OEC	31	2.7	5	12
YEAR	363	2.9	6	12

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	104	527	104	0	0	0	0	735
FEB	67	370	217	10	0	0	0	664
MAR	102	318	292	21	0	0	0	733
APR	143	344	177	18	0	0	0	682
MAY	92	375	248	25	0	0	0	740
JUN	126	401	175	11	0	0	0	713
JUL	114	472	137	15	0	0	0	738
AUG	85	473	175	7	0	0	0	740
SEP	71	418	194	32	0	0	0	715
OCT	94	478	160	2	0	0	0	734
NOV	47	448	207	6	0	0	0	708
DEC	88	509	134	6	1	0	0	738
YEAR	1133	5133	2220	153	1	0	0	8640

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
98.6	0	0.8	1.6	2.2	2.9	4.2	5.0	5.9	6.7	12	2.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	****	-	-	-	-	-	-	****	3	3	3	3	3	2	3	3	3	3	2	1	3
2	1	1	0	0	1	1	1	1	****	1	1	1	1	1	1	2	2	2	1	1	-	-	-	1	1
3	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1	2	5	4	3	2	3	2	2	3	2
4	2	2	2	2	2	2	3	3	3	2	2	2	1	1	1	2	4	3	2	2	2	2	2	2	2
5	2	1	1	2	1	1	2	3	3	3	2	1	1	1	2	3	4	4	4	4	3	3	****	4	2
6	3	3	3	3	3	3	3	3	3	3	4	3	4	4	4	5	5	4	4	3	3	4	4	4	4
7	3	3	3	2	2	3	2	3	3	2	3	3	3	3	3	2	3	3	2	2	2	2	2	2	3
8	2	1	1	1	1	1	1	2	2	2	1	1	2	1	1	2	3	4	3	3	3	3	4	4	2
9	4	4	4	4	2	1	2	3	3	2	2	2	2	2	2	3	3	3	3	2	3	3	2	2	3
10	2	2	2	2	2	2	2	3	3	2	1	2	1	****	1	1	2	3	3	2	1	1	****	1	2
11	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	2	4	3	-	-	-	4	4	4	2
12	4	4	4	3	3	3	3	3	3	3	2	2	2	2	1	1	4	4	-	-	5	5	3	3	3
13	3	3	3	3	2	2	2	2	1	-	2	2	2	2	2	2	2	2	2	2	2	1	****	1	2
14	1	1	1	1	1	1	1	1	2	2	3	4	3	2	1	1	1	1	0	0	1	1	1	1	1
15	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	2	3	3	3	5	4	4	3	2
16	3	3	3	2	3	2	3	3	3	2	2	2	1	1	1	1	****	3	3	3	3	3	3	3	2
17	3	2	2	2	2	1	1	2	1	1	1	1	1	1	1	0	1	1	0	1	1	2	1	1	1
18	1	0	0	0	0	0	0	2	1	0	-	-	1	0	0	1	2	2	2	1	1	1	0	1	1
19	1	0	0	0	0	0	1	1	1	1	1	1	-	1	1	3	3	****	3	3	3	4	3	3	2
20	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1
22	1	1	1	0	0	-	1	2	2	1	0	0	0	0	1	1	1	****	1	1	1	1	1	2	1
23	2	1	2	2	1	2	2	3	3	5	3	2	4	5	3	3	4	4	3	3	3	3	2	1	3
24	2	3	3	3	2	1	1	2	-	-	****	1	1	1	1	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
26	1	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
27	2	1	1	1	1	1	1	1	1	1	2	2	3	4	3	5	5	5	4	4	4	3	2	2	2
28	1	1	1	1	1	1	0	1	1	1	2	1	2	2	2	2	2	2	1	1	1	1	4	0	1
29	0	0	0	0	0	0	0	0	0	1	0	0	0	****	0	1	1	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	-	1	1	0	0	0	0	0
31	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
MEAN	2	2	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0
3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	2	2	2	3	3	2	2	1
4	3	3	3	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2
5	3	3	2	2	0	0	0	1	1	0	0	0	0	0	0	0	-	1	1	1	0	0	0	1	1
6	0	0	0	1	0	1	1	2	1	0	1	0	1	1	1	1	2	2	2	4	3	3	3	3	1
7	3	3	2	2	1	1	2	3	3	1	2	1	1	1	1	2	2	****	****	2	2	2	2	1	2
8	1	1	1	1	1	2	3	3	3	0	0	1	0	0	0	1	1	2	2	1	1	0	0	0	1
9	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	2	2	2	3	3	2	1	1
10	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
11	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3	3	1
12	3	3	3	3	3	3	3	3	3	3	4	4	3	4	2	2	2	4	4	3	1	1	1	1	3
13	1	0	0	0	0	0	1	1	1	0	0	0	3	0	0	1	1	2	****	3	3	3	1	1	1
14	1	0	0	0	0	0	2	3	2	0	0	0	0	0	0	1	1	2	2	3	3	3	2	1	1
15	1	1	0	1	0	1	1	2	1	1	0	0	0	0	0	0	2	2	-	1	1	1	1	1	1
16	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	2	1	0	-	0	-	0
17	-	-	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	1	2	2	3	3	3	3	1
18	3	3	3	3	3	3	3	2	2	1	2	1	1	1	1	2	1	4	3	5	-	4	4	****	3
19	3	3	3	2	2	2	2	3	3	2	2	2	3	2	4	3	5	5	7	5	5	5	5	7	4
20	5	5	5	5	5	4	4	5	4	4	3	2	3	3	4	4	6	6	6	5	5	4	4	4	4
21	5	6	5	5	4	4	4	3	3	3	3	3	3	3	5	8	10	11	8	7	7	5	3	3	5
22	2	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2	1	2	5	6	5	4	4	4	2
23	4	4	3	2	2	3	2	3	3	3	1	2	3	3	4	5	7	6	4	3	3	3	3	4	3
24	3	3	2	2	3	2	2	2	2	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	1	1	1	1	0
26	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	****	0	0	0	0	0	1	0
27	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	2	3	4	2	3	2	2	3	1
28	3	2	2	1	1	1	3	3	4	4	3	1	1	1	1	2	3	5	6	5	6	6	7	5	3
MEAN	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	2	2	3	3	3	2	2	2	2	1.6

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	3	1	1	1	2	2	1	1	1	1	****	1	****	2	2	2	2	2	2	1	1	2
2	1	1	1	0	1	1	1	2	2	2	1	1	1	1	2	3	3	-	****	4	3	4	4	9	2
3	3	3	3	2	2	2	3	2	3	2	3	3	3	3	2	3	4	5	6	4	5	4	4	3	3
4	4	4	3	3	2	2	2	2	2	2	2	2	3	2	2	3	3	4	4	3	4	3	3	3	3
5	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3	3	****	****	****	****	****	****	2
6	3	3	1	2	2	2	2	****	****	2	2	3	****	****	****	2	****	****	****	****	****	****	****	****	******
7	-	****	****	****	****	****	2	2	2	3	2	3	3	****	3	4	4	4	5	5	5	5	5	4	4
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	-	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	******
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	-	****	1	1	****	1	0	0
21	0	0	0	0	0	0	0	0	0	****	****	****	****	****	2	****	****	****	5	8	9	7	6	6	3
22	6	5	4	4	5	3	3	4	6	7	5	4	3	4	2	4	5	8	8	9	9	7	8	6	5
23	6	6	5	5	5	4	3	3	5	3	3	3	3	3	3	4	4	4	9	11	11	10	7	9	5
24	7	6	4	3	3	2	2	2	2	2	3	3	3	3	2	3	4	4	4	5	5	3	2	2	3
25	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	3	4	4	3	3	3	3	2
26	1	1	1	1	1	0	1	2	1	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	1
27	0	0	0	0	0	0	0	1	1	0	0	1	5	1	1	1	1	1	2	2	2	2	1	2	1
28	2	2	2	1	1	2	2	4	3	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30	****	****	****	****	****	****	****	2	-	3	6	****	****	****	2	3	3	3	3	6	6	8	6	4	******
31	3	4	5	4	5	4	4	9	3	3	4	5	6	9	5	1	1	1	1	1	1	1	1	1	3
MEAN	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	3	3	3	2.2

PERCENTAGE OF DATA VALID - 59.9 PERCENTAGE OF DATA INVALID - 39.2 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNIT5 - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GDN RIOEAU/WURTEMBURG ST,OTTAWA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	1	****	1
2	****	****	****	****	****	****	****	****	2	2	2	2	****	****	2	2	3	2	3	3	3	3	3	3	******
3	****	2	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	3	3	4	4	4	3	2
4	3	3	3	2	2	2	2	1	1	1	1	0	****	2	1	2	****	2	2	1	1	1	1	1	2
5	1	1	0	0	0	****	****	3	-	-	****	2	1	1	1	1	2	2	2	2	2	2	3	3	2
6	2	2	1	1	1	1	2	2	2	2	****	2	2	1	1	2	1	1	3	1	0	0	0	1	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	4	4	5	5	1
9	5	4	3	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	1	0	0	0	0	1	0	1	1	2	2	4	5	5	4	4	4	2
12	2	1	1	1	0	1	1	1	1	0	0	0	1	0	1	1	2	2	4	4	4	3	3	2	2
13	2	2	2	2	1	0	0	1	0	1	0	0	1	1	1	1	1	1	2	2	2	3	2	3	1
14	2	1	1	1	1	1	1	1	1	2	3	3	2	3	2	2	3	4	5	6	6	5	6	4	3
15	11	11	9	8	8	7	3	2	1	1	1	1	1	1	2	3	3	2	3	3	4	4	4	3	4
16	3	2	1	0	1	1	1	1	1	1	1	2	2	2	1	2	3	****	5	4	****	6	8	3	2
17	2	2	2	1	1	1	2	2	2	1	0	0	1	-	-	1	2	-	2	2	****	****	2	1	1
18	1	1	0	0	0	1	1	1	1	0	0	****	-	-	****	1	1	1	2	2	2	2	2	1	1
19	1	1	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	2	3	3	4	3	3	1
20	2	2	1	1	2	2	1	2	1	1	0	0	0	1	1	9	1	2	4	4	5	6	8	6	3
21	5	5	3	3	3	3	3	3	7	8	7	3	3	2	3	3	3	4	6	7	9	10	7	11	5
22	9	7	4	3	2	2	3	1	1	1	1	2	1	1	1	1	1	1	3	4	6	9	10	11	4
23	13	9	4	2	1	2	2	3	1	1	1	1	1	1	1	2	2	2	0	2	1	2	4	4	3
24	2	2	2	1	3	3	2	2	4	2	2	****	1	2	2	3	1	0	2	5	4	3	3	3	2
25	2	1	1	2	3	****	4	4	4	3	3	3	2	5	4	5	7	5	5	5	5	5	7	7	4
26	6	3	2	2	2	2	3	4	4	3	2	3	2	3	3	4	6	5	3	3	5	8	6	4	4
27	4	2	1	0	1	1	4	7	8	7	6	5	6	7	5	3	4	4	3	3	2	2	1	1	4
28	1	1	0	0	0	0	1	1	2	3	3	3	3	2	1	1	1	3	3	6	5	5	4	4	2
29	2	2	1	2	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	4	3	1	1	1	1
30	0	0	0	0	0	1	2	2	2	2	1	1	1	1	2	3	2	3	3	3	2	1	2	2	2
MEAN	3	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2	2	2	3	3	3	4	4	3	2.1

PERCENTAGE OF DATA VALIO - 95.4 PERCENTAGE OF OATA INVALID - 3.6 PERCENTAGE OF OATA UNAVAILABLE - 1.0

NOTE5 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LES5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALD GDN RIOEAU/WURTEMBURG ST,OTTAWA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	4	5	2	2	3	3	2	0	0	****	2	2	2	2	2	1	1	1	2
2	1	1	1	1	2	5	5	3	1	1	1	1	2	2	2	2	1	1	2	4	4	4	3	7	2
3	8	5	5	5	2	4	5	7	5	4	5	5	5	6	8	6	5	5	4	3	3	3	2	2	5
4	3	1	0	0	1	2	2	2	1	1	1	1	1	2	2	5	-	4	4	5	6	6	6	3	3
5	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	3	4	4	10	16	2
6	11	5	4	3	2	1	1	0	0	0	0	0	1	0	0	0	0	0	1	4	2	1	2	4	2
7	4	2	3	****	1	1	3	3	2	1	2	2	2	3	2	2	2	1	2	2	2	1	2	1	2
8	1	1	1	1	2	2	3	3	2	2	1	1	****	3	3	3	3	3	4	3	3	3	4	3	2
9	2	1	1	1	1	2	5	8	4	3	2	1	1	1	3	4	4	2	2	2	3	2	2	0	2
10	0	0	0	0	0	1	2	1	1	0	0	1	1	0	1	1	1	1	2	1	1	1	1	3	1
11	2	1	1	1	1	1	2	2	1	2	2	****	****	****	3	2	2	2	3	4	4	3	2	2	2
12	2	2	1	1	1	1	2	2	4	4	5	6	8	3	4	6	5	4	3	6	4	3	7	5	4
13	2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	4	3	2	1
14	2	1	1	1	1	1	2	3	2	1	****	1	1	1	2	2	3	3	4	4	4	4	3	3	2
15	2	2	2	4	3	5	7	7	6	3	****	2	1	2	1	2	2	1	1	2	1	1	1	1	3
16	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	3	5	5	3	1
17	-	1	1	****	1	1	2	2	2	2	1	2	1	1	1	2	2	2	2	5	8	7	8	7	3
18	4	3	3	2	1	2	5	6	4	2	4	1	2	2	2	3	2	3	5	8	7	8	8	7	4
19	7	6	2	1	2	2	3	1	2	****	1	1	1	1	2	3	2	3	****	****	****	****	****	****	2
20	****	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
21	- DATA INVALID -																								
22	****	****	****	****	****	0	1	1	0	1	0	0	1	0	1	1	1	1	1	2	2	7	6	****	1
23	4	2	1	1	1	1	2	2	2	1	2	2	****	****	0	0	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	3	3	3	3	1	1	1	******
25	0	0	0	0	-	****	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	2	1	2	2	1	1	2	1
27	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	1
28	1	1	0	1	****	2	2	2	2	2	****	2	3	3	3	1	1	1	2	3	3	3	4	3	2
29	3	3	1	1	1	1	3	3	3	1	4	3	1	****	****	****	****	****	****	****	****	****	****	****	******
30	5	3	0	0	****	****	****	1	4	****	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
31	- DATA INVALIO -																								
MEAN	3	2	1	1	1	1	2	3	2	1	2	2	2	2	2	2	2	2	2	3	3	3	4	3	2.1

PERCENTAGE OF OATA VALID - 79.6 PERCENTAGE OF DATA INVALID - 20.0 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LES5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	-	****	****	****	****	****	****	****	****	****	****	****	2	******
6	2	1	0	1	0	0	1	1	2	****	1	2	2	1	1	1	3	1	1	3	4	4	4	3	2
7	3	2	1	0	1	1	2	2	1	1	1	1	1	1	2	2	2	3	3	4	4	4	5	4	2
8	2	1	1	1	1	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	-	****	****	****	0	0	******
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	****	2	2	2	2	1	1
13	1	1	0	0	0	1	1	3	0	0	0	0	1	0	0	0	0	0	1	2	4	3	4	3	1
14	3	2	2	2	****	1	3	4	2	2	1	****	1	1	1	3	2	2	2	3	2	3	3	2	2
15	1	1	1	1	1	2	4	4	3	2	****	****	1	2	2	2	2	2	2	2	3	2	2	2	2
16	2	1	1	1	0	****	****	****	****	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	****	****	****	-	****	1	1	1	1	****	****	****	****	****	******
19	****	****	0	0	0	0	2	1	0	****	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
20	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0
21	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0
22	0	0	0	0	0	1	1	1	1	****	****	1	1	1	1	2	-	1	2	2	2	2	2	1	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	1	1	1	1	0
26	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1
27	0	0	0	0	0	0	1	1	1	0	****	1	1	1	1	1	1	1	1	1	1	1	2	1	1
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	0
29	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	2	-	1
30	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	2	2	2	1	0.8

PERCENTAGE OF DATA VALID - 60.3 PERCENTAGE OF DATA INVALID - 38.3 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	1	1	2	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	1	1	1	1	1	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0
9	1	0	1	1	1	1	1	1	2	1	0	0	****	0	0	0	****	1	1	2	3	2	2	2	1
10	1	2	2	1	1	1	2	2	1	1	1	-	1	1	1	1	1	1	1	1	1	2	1	1	1
11	0	0	0	0	0	1	1	2	1	0	0	1	1	1	1	1	2	1	1	2	2	2	2	2	1
12	1	1	1	1	1	0	1	2	2	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
13	1	1	1	1	0	0	1	1	1	0	****	0	0	0	0	0	0	0	0	1	1	1	1	1	1
14	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
15	1	0	1	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	1	2	2	2	1
16	2	1	0	1	0	0	2	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
18	0	0	0	0	0	0	0	0	1	****	****	****	0	0	0	0	0	0	0	0	1	1	1	1	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0
20	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0
21	****	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	1	0	0
23	****	0	0	0	0	0	0	1	1	****	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0
24	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
26	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	1	0	0
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
30	1	0	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
31	1	0	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
MEAN	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 3.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST.OTTAWA MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	****	0	
2	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	
4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	1	1	1	0	1	0	
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	1	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	2	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	2	****	****	****	0	0	0	0	0	1	1	1	0	0	
10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16												- OATA INVALIO -														
17												- OATA INVALIO -														
18												- OATA INVALIO -														
19												- OATA INVALIO -														
20												- OATA INVALIO -														
21												- OATA INVALIO -														
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	2	3	4	4	2	2	******	
23	1	1	1	0	0	1	2	2	2	2	2	2	2	3	3	4	4	4	4	3	3	3	3	3	2	
24	2	2	1	0	0	2	3	3	2	2	2	2	2	1	1	2	1	2	3	3	2	1	1	1	2	
25	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	
26	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	2	3	2	2	2	3	1	
27	2	2	1	2	1	1	3	2	1	1	1	1	1	0	0	0	1	2	3	3	2	1	1	1	1	
28	1	0	0	1	1	2	4	4	3	****	****	****	****	****	2	2	2	2	3	2	4	3	2	2	2	
29	1	1	0	0	0	1	3	5	4	3	3	4	3	3	2	2	2	2	2	1	1	1	2	2	2	
30	1	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	6	1	1	
MEAN	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	0.6	

PERCENTAGE OF OATA VALIO - 74.9 PERCENTAGE OF OATA INVALIO - 24.9 PERCENTAGE OF OATA UNAVAILABLE - 0.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST.OTTAWA MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	1	2	3	3	3	4	2	1	
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	1	1	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	1	1	1	0	0	
5	1	0	0	0	0	1	1	****	2	2	1	0	1	0	1	0	1	1	4	3	2	2	2	1	1	
6	2	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	
9	1	1	1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	2	2	1	2	1	1	1	
10	1	1	0	0	1	2	1	2	2	2	1	2	2	2	2	1	1	0	0	0	0	0	0	0	1	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	2	1	1	0	1	1	1	
13	0	0	0	0	0	0	1	2	1	0	1	1	1	2	2	2	3	4	3	3	3	1	1	1	1	
14	1	0	0	0	0	2	2	0	0	****	****	****	****	2	1	0	1	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	****	****	****	****	****	0	****	0	0	0	0	0	1	0	0	0	
17	0	0	0	0	0	1	1	2	1	1	1	0	0	1	1	2	2	2	1	1	1	1	1	1	1	
18	0	0	0	0	0	1	3	3	2	1	1	1	1	1	2	2	2	3	3	****	0	0	0	****	1	
19	****	****	****	****	****	0	0	0	0	****	0	0	0	****	0	0	0	****	2	2	2	2	2	2	1	
20	1	1	0	0	2	3	4	4	3	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	1	
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	****	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28												- OATA INVALIO -														
29												- OATA INVALIO -														
30												- OATA INVALIO -														
MEAN	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0.4	

PERCENTAGE OF OATA VALIO - 83.5 PERCENTAGE OF OATA INVALIO - 16.4 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S1001 MCOONALO GON RIOEAU/WURTEM8URG ST,OTTAWA MONTH - OCT 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA INVALIO -													
2												- OATA INVALIO -													
3												- OATA INVALIO -													
4	****	****	****	****	****	****	****	****	****	****	****	****	****	3	2	4	3	3	3	2	2	1	2	******	
S	1	1	1	1	2	3	3	4	4	6	S	S	4	S	S	6	7	4	3	2	1	1	2	2	3
6	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	4	4	4	4	3	4	3	3	4	2
7	3	3	2	1	1	1	2	1	1	2	2	2	2	3	3	2	2	1	1	1	0	0	0	0	2
8	0	-	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	3	3	3	1
9	1	3	2	2	0	1	2	2	1	1	-	****	1	1	1	2	3	3	3	2	2	2	3	2	2
10	2	3	-	1	1	****	2	4	4	3	2	1	3	2	2	2	3	4	4	3	4	3	3	3	3
11	2	2	2	2	2	2	3	3	2	****	16	****	2	2	****	2	2	2	S	2	2	2	2	2	3
12	1	1	1	1	1	2	1	2	1	1	1	2	2	2	2	3	3	1	1	1	2	2	2	2	2
13	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
14	2	1	1	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
1S	1	2	1	1	1	1	1	-	1	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1
16	1	0	0	0	0	1	1	1	1	1	0	-	1	1	2	1	4	4	S	2	4	4	2	1	2
17	2	2	1	1	1	1	1	-	-	3	2	3	3	3	3	3	3	4	3	2	2	2	2	1	2
18	1	0	0	1	1	1	1	2	2	0	0	0	0	0	1	2	2	3	2	3	2	2	2	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	-	-	3	3	3	3	3	3	2	2
20	4	2	1	1	1	1	2	2	2	2	3	3	2	1	2	3	3	4	3	3	3	3	3	2	2
21	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	2	3	3	2
22	2	1	1	0	1	2	3	3	2	2	1	1	2	1	2	3	3	4	4	6	4	S	3	3	2
23	2	1	1	1	1	3	4	4	1	0	****	****	****	1	0	1	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	2	1	1	****	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	****	0	-	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	1	1	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
31	0	0	0	0	0	0	0	0	1	1	0	1	****	****	0	1	1	1	0	1	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1.3

PERCENTAGE OF OATA VALIO - 8S.2 PERCENTAGE OF OATA INVALIO - 13.2 PERCENTAGE OF OATA UNAVAILA8LE - 1.6

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S1001 MCOONALO GON RIOEAU/WURTEM8URG ST,OTTAWA MONTH - NOV 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	1	****	1	2	1	1	0	0	1	****	****	****	1	1	3	1	0	1	
2	0	0	0	0	0	0	0	0	0	****	0	0	0	****	****	2	1	2	1	1	0	0	0	1	0	
3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	****	2	****	0	0	-	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	0	0	0	0	0	0	1	2	****	0	1	1	0	0	1	1	1	1	1	****	****	1	1	1	1	
6	0	0	0	0	0	0	0	0	1	****	0	1	0	****	0	0	****	2	2	1	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	-	****	****	2	0	1	1	****	1	****	****	0	0	****	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	****	1	****	****	****	****	****	****	-	****	0	0	0	******	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	****	1	0	
11	0	1	-	****	0	0	0	0	0	0	0	0	-	****	1	1	0	0	0	0	0	0	0	0	0	
12	0	0	0	-	0	0	0	0	0	0	0	****	0	0	0	0	1	1	****	0	0	0	0	0	0	
13	****	****	0	0	0	0	0	0	****	1	1	1	****	1	0	****	0	0	****	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	****	****	0	0	1	1	0	1	1	0	0	****	0	0	0	0	
1S	0	0	0	0	0	0	0	1	3	****	****	****	1	1	1	****	****	****	****	****	****	0	1	0	******	
16	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	****	1	0	0	0	0	1	****	1	0
17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	1	0	****	****	****	****	1	0	****	0	0	****	****	0	0	0	0	
20	0	0	0	0	0	0	****	0	****	0	0	4	****	0	0	0	0	****	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	1	1	-	0	-	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	1	0	0	-	1	-	1	1	0	1	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	-	1	0	1	-	1	1	0	0	0	0	0	0	0	0	
24	0	-	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	****	0	0	0	
25	****	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	****	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	
28	0	0	0	0	0	0	0	0	S	****	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	-	****	****	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	1	1	****	2	1	1	2	0	0	****	0	0	0	0	
MEAN	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0.2	

PERCENTAGE OF OATA VALIO - 86.7 PERCENTAGE OF OATA INVALIO - 11.4 PERCENTAGE OF OATA UNAVAILA8LE - 1.9

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALO GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	****	0	1	1	****	****	1	****	1	0	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	****	****	0	****	0	0	0	0	0	****	****	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	2	****	1	1	****	1	2	****	****	4	1	****	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	****	1	****	****	****	****	****	****	****	****	****	****	******
7												- DATA INVALIO -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10	****	****	****	****	****	****	****	****	****	****	1	2	2	2	2	2	2	2	1	1	1	2	3	2	******
11	1	0	0	0	0	1	1	2	2	1	2	1	2	2	3	2	2	3	2	2	2	2	2	1	2
12	2	2	2	1	1	1	2	2	2	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	3	2	1	2	2	1	2	1	1
14	1	2	2	2	2	1	1	2	2	2	2	1	0	1	1	2	2	3	3	3	2	1	1	2	2
15	2	2	2	3	2	2	2	1	1	1	1	1	2	3	2	2	2	2	3	2	2	2	2	2	2
16	1	1	1	1	1	1	1	2	1	2	2	2	2	3	2	1	0	0	0	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	1
18	0	0	0	0	0	0	1	1	1	1	****	****	****	****	****	****	****	2	3	3	3	2	3	3	1
19	1	1	0	0	0	0	0	1	1	1	0	0	1	1	0	1	2	2	3	2	1	2	1	1	1
20	1	1	1	0	0	1	1	2	1	1	****	****	****	1	1	2	2	1	1	1	2	1	2	1	1
21	1	1	1	1	0	0	1	1	1	1	1	2	2	2	1	1	2	1	2	1	1	1	1	1	1
22	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1
23	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	1	1	1	0	0	1	1
25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
28	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	1
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	2	1	1	2	1
30	1	2	1	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0
31	0	0	0	1	1	1	2	2	2	2	2	1	2	2	4	3	2	4	6	3	3	3	3	-	2
MEAN	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 84.1 PERCENTAGE OF DATA INVALID - 15.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	4	5
FE8	28	1.6	5	11
MAR	18	2.2	5	11
APR	29	2.1	5	13
MAY	24	2.1	5	16
JUN	18	0.8	2	5
JUL	30	0.4	1	3
AUG	23	0.6	2	6
SEP	26	0.4	1	5
OCT	27	1.3	3	16
NOV	28	0.2	1	5
DEC	26	0.9	2	6
YEAR	308	1.2	5	16

MONTHLY GROUP FREQUENCY DI5TRI8UTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINE5CENT UNIT5 - 0.01 PARTS/MILLIDN

5TATION - SE ND 51D01 MCODNALD GDN RIDEAU/WURTEM8URG 5T.OTTAWA

MONTH	00 TO 01	D2 TO D3	D4 TO D6	07 TO 1D	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	369	285	56	0	0	0	0	71D
FE8	387	193	68	9	1	0	0	658
MAR	194	152	79	19	2	0	0	446
APR	342	229	84	27	S	0	0	687
MAY	284	206	79	21	1	1	0	592
JUN	347	74	13	0	0	0	0	434
JUL	678	34	0	0	0	0	D	712
AUG	466	78	13	D	0	0	D	557
5EP	537	58	6	0	0	0	D	601
OCT	414	180	38	1	0	1	0	634
NOV	61D	12	2	0	0	0	0	624
OEC	473	149	4	0	0	0	0	626
YEAR	5101	165D	442	77	9	2	0	7281

FREQUENCY OISTRI8UTION 8Y PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATION5 FREQUENCY DI5TRI8UTION, PERCENT 10	30	5D	70	90	95	98	99	MAX	ARITH MEAN
83.1	0	0.0	D.0	0.3	1.D	2.7	3.6	S.0	6.4	16	1.2

DNTARIO MINISTRY OF THE ENVIRONMENT - AIR RE5DURCE5 8RANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINE5CENT UNITS - 0.01 PART5/MILLION

STATION - 5E ND 56051 MEMORIAL PARK YDRK/THIRD 5T., CORNWALL MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	5	6	****	-	-	-	-	-	-	****	3	3	3	4	4	4	4	4	4	4	4	4	4
2	4	3	2	2	2	2	1	2	****	3	2	2	1	2	3	2	2	2	2	2	-	-	-	1	2
3	2	1	1	1	1	1	2	2	2	2	2	1	2	2	1	2	2	3	2	2	2	2	3	2	2
4	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2
5	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	****	2	2
6	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2
7	3	2	2	2	2	2	3	3	3	3	2	2	3	3	3	3	4	4	4	4	4	5	4	4	3
8	3	3	3	3	2	3	2	3	3	3	2	3	2	3	3	3	3	3	2	3	3	3	3	3	3
9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2
10	3	3	3	3	3	3	3	4	3	2	2	2	2	****	2	2	3	2	2	2	2	2	****	1	2
11	1	1	2	2	2	2	2	3	3	3	2	2	****	1	2	2	3	3	-	-	-	3	3	2	2
12	2	5	5	5	5	5	5	5	5	3	2	4	4	3	3	7	8	7	-	-	4	4	4	4	5
13	4	4	4	3	3	3	3	3	3	-	3	3	4	3	4	4	5	4	4	4	4	3	****	2	4
14	2	2	2	3	2	1	1	2	3	2	2	2	1	2	3	1	1	0	D	1	0	0	0	1	1
15	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	3	2	3	3	2	2	3	3	2
17	3	3	3	3	3	2	2	3	2	1	1	1	1	1	2	3	2	2	3	3	2	2	1	2	2
18	2	2	2	1	2	1	1	2	1	1	-	-	1	1	1	1	2	3	2	2	2	2	2	2	2
19	3	2	1	1	2	1	2	3	2	1	1	2	-	1	1	2	2	3	4	3	3	3	3	4	2
20	3	3	3	3	3	3	3	2	1	1	1	1	1	3	4	5	4	4	5	4	4	5	4	4	3
21	4	4	3	4	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	1	2	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	1	D	1	1
23	1	1	1	1	1	1	2	3	3	2	1	1	2	2	2	4	4	4	2	3	3	4	3	2	2
24	2	3	5	5	4	4	4	3	-	-	****	4	4	4	4	4	4	4	3	3	3	2	2	2	3
25	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	3	3	3	2	2	2	3	3	4	2
27	2	1	2	2	3	3	2	2	3	2	2	2	1	2	2	2	2	3	3	4	3	3	2	3	2
28	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	D	D	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	1	1
30	1	D	D	1	0	1	1	1	1	1	D	0	1	D	1	1	1	-	1	1	1	1	0	0	1
31	0	D	1	0	0	0	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	D	0	0	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2.1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE DF OATA INVALID - 1.3 PERCENTAGE DF DATA UNAVAILA8LE - 3.D

NOTE5 1. "****" INDICATES INVALID DATA DUE TD INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INDICATES LE55 THAN 2/3 VALIO OATA FOR DAILY MEAN IN DNE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	0	****	1	1	1	1	1	1	2	1	1
2	-	-	-	-	-	-	-	****	1	1	1	1	0	0	0	1	1	2	1	1	1	1	1	2	1
3	-	-	-	-	-	-	-	****	1	1	1	1	1	1	1	1	2	1	2	3	2	2	2	2	2
4	-	-	-	-	-	-	-	****	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	2	1
5	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	-	1	1	1	1	0	1	1	1
6	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	1	1	1	1	1	1	2	2	1
7	1	1	2	2	2	2	4	2	2	2	1	1	1	1	2	1	3	3	2	1	2	2	2	4	2
8	4	4	4	4	4	3	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	****	1	0	2
9	1	1	1	1	1	0	0	1	1	0	0	0	0	0	1	1	2	2	1	1	1	1	1	2	1
10	2	2	2	2	2	3	3	2	1	0	0	0	0	1	0	1	1	2	2	2	1	1	1	1	1
11	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1	1	1	1	2	1	1	1	1
12	0	0	1	1	1	2	3	2	2	1	1	2	1	1	1	2	1	1	2	3	2	2	3	3	2
13	2	2	1	1	1	1	2	2	1	0	0	0	0	0	1	1	1	1	****	1	1	1	1	2	1
14	2	7	2	4	6	2	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	2	2
15	1	2	2	2	2	2	2	2	1	1	0	0	0	0	0	1	1	3	-	2	1	2	2	2	1
16	1	2	1	1	1	1	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	-	1
17	-	1	1	1	1	0	1	1	0	0	0	0	0	-	0	0	0	1	1	0	1	0	1	1	1
18	1	2	2	2	2	2	1	1	0	1	1	1	0	0	1	1	1	4	4	3	-	3	2	****	2
19	4	3	4	4	3	3	4	2	3	2	3	2	2	4	3	3	4	1	3	3	3	2	1	1	3
20	1	2	3	2	2	1	1	1	2	2	1	1	2	2	2	2	3	2	2	1	2	4	6	5	2
21	6	5	3	4	4	4	4	4	4	3	3	2	4	4	4	4	5	5	4	3	2	1	2	2	4
22	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	2	3	3	3	5	7	5	3
23	5	5	5	4	2	3	2	2	0	0	1	2	1	2	4	2	3	4	2	1	3	3	2	1	2
24	1	1	1	2	4	4	4	4	2	2	2	2	2	2	2	2	3	6	2	1	1	0	0	0	2
25	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	2	1	2	1	2	2	2	1	1	1
26	1	1	1	0	0	1	1	1	2	1	1	1	1	1	1	1	1	****	0	0	1	1	1	0	1
27	0	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
28	!	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	3	2	2	2	2	2	3	4	2
MEAN	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1.5

PERCENTAGE OF OATA VALIO - 94.8 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 4.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	6	6	4	5	3	2	1	1	1	1	1	2	2	3	3	3	3	3	3	3	3	3	3	3	
2	2	3	4	4	3	2	3	3	2	2	2	2	3	4	3	4	3	-	****	4	3	5	4	4	3	
3	4	5	6	6	7	7	7	5	4	3	3	3	3	2	3	4	2	5	7	9	8	5	5	3	5	
4	4	5	4	4	4	4	4	3	2	3	2	2	2	1	2	2	2	4	4	4	4	4	4	5	3	
5	4	3	4	4	4	4	4	5	6	5	3	6	****	****	2	1	1	1	1	1	1	0	1	0	3	
6	0	0	0	0	0	0	1	2	1	2	2	2	2	1	1	1	2	3	3	3	3	3	1	1	1	
7	-	****	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	4	5	4	4	5	4	3	2	
8	4	3	3	3	4	4	3	3	2	1	1	2	1	****	1	2	3	3	4	3	4	4	3	4	3	
9	3	2	2	1	2	1	2	2	1	1	0	1	1	1	2	1	2	3	6	5	3	3	3	2	2	
10	1	2	1	1	1	0	1	1	1	3	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	
11	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	-	1	0	
13	1	1	1	0	0	0	1	0	1	0	0	1	2	3	3	4	5	4	6	3	1	1	1	1	2	
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	1	
15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	2	1	0	1	0	
16	1	1	0	0	0	-	0	0	1	1	0	1	1	****	1	1	1	2	2	2	2	1	1	1	1	
17	1	2	1	2	1	1	1	1	1	1	1	1	0	0	1	1	1	2	3	5	2	2	3	4	2	
18	3	3	3	3	2	3	2	1	0	0	0	0	0	1	1	1	1	1	3	4	4	5	6	2	2	
19	2	3	3	3	3	4	3	2	1	1	2	1	1	1	1	1	1	2	2	4	4	4	2	4	2	
20	3	4	3	3	2	3	4	2	2	2	1	1	1	1	1	1	1	-	****	4	4	****	3	****	2	
21	- OATA INVALIO -																									
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	3	2	******
23	2	4	2	3	2	1	2	1	2	2	1	1	1	1	1	2	1	1	1	2	3	3	5	3	2	
24	1	1	1	1	1	1	2	3	2	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	
25	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	
26	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	****	****	0	****	0	****	****	0	
27	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0	1	1	1	1	1	0	1	1	1	
28	1	1	1	1	1	2	1	1	1	0	1	1	1	1	1	2	1	3	3	3	2	4	4	4	2	
29	2	2	2	1	****	1	1	1	2	1	1	2	2	2	3	4	4	3	2	2	2	2	3	2	2	
30	2	3	3	2	1	1	1	1	-	2	2	2	2	3	2	2	3	3	2	2	2	2	2	3	2	
31	4	4	4	4	3	1	1	1	1	2	1	2	2	1	2	2	3	3	2	1	2	1	1	1	2	
MEAN	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	2	1.8	

PERCENTAGE OF OATA VALIO - 91.0 PERCENTAGE OF OATA INVALIO - 8.2 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - APR 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	1
2	1	1	1	1	1	1	1	1	3	2	****	2	****	****	****	3	S	2	3	2	2	1	1	1	2
3	1	1	1	1	2	1	1	2	2	1	1	2	2	2	2	2	2	1	2	4	3	3	S	3	2
4	2	3	3	3	2	3	3	3	2	1	1	1	1	1	3	1	****	****	3	****	2	2	1	0	2
5	0	0	0	0	0	****	1	1	-	-	***	0	0	1	1	1	1	1	1	1	1	0	2	1	1
6	0	1	0	0	0	1	1	0	0	0	****	1	0	0	0	0	2	1	1	1	1	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0	0	0	1	1	0	1	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0
9	1	0	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	1
10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
11	1	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	2	1	1	2	3	2	2	2	1
12	2	2	2	1	1	1	1	1	0	0	1	0	0	1	1	1	1	2	2	2	2	1	2	2	1
13	2	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	3	3	1
14	2	1	1	1	1	0	1	0	1	2	2	2	2	2	1	1	1	1	1	****	1	2	1	1	1
15	1	2	2	2	1	2	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	****	2	2	****	2	1	2	1
17	1	1	1	0	0	0	1	0	1	0	0	0	0	-	-	0	1	1	1	3	4	3	2	1	1
18	1	1	0	0	0	0	0	0	0	0	0	****	-	-	0	1	0	1	1	1	1	2	1	1	1
19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	S	S	4	S	1
20	4	3	3	2	1	****	2	2	2	1	0	0	0	0	0	0	1	1	3	S	S	3	2	1	2
21	1	1	****	1	****	****	0	0	1	1	1	1	0	0	0	1	1	2	2	6	4	S	4	2	2
22	1	1	1	1	2	2	1	0	0	1	0	0	0	0	1	0	0	0	1	2	2	1	2	2	1
23	1	0	0	0	1	1	1	1	0	0	0	1	1	D	0	1	1	1	2	3	3	2	1	2	1
24	1	1	1	0	0	1	1	1	0	0	0	****	0	1	1	1	1	1	1	2	2	1	2	2	1
2S	2	1	1	0	0	****	0	0	3	2	2	1	1	1	1	0	1	1	1	3	3	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0
27	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0	1	1	1	1	1	0	0	0	1	0
29	1	1	1	0	0	0	0	0	0	0	0	1	1	D	1	1	1	1	0	1	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	0	0	1	0	D	1	1	1	1	1	2	2	2	1	1	0.9

PERCENTAGE OF DATA VALIO - 96.4 PERCENTAGE OF OATA INVALIO - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES 8RANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 560S1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1
3	0	0	0	1	1	1	2	2	1	2	1	1	1	1	3	3	3	2	2	1	2	1	1	1	1
4	2	1	0	1	1	0	1	1	2	1	0	1	1	1	1	1	-	1	1	1	1	1	1	0	1
5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1	0
6	1	0	1	1	1	1	0	1	0	0	0	0	1	1	0	0	0	0	1	3	1	2	2	2	1
7	3	1	1	****	2	2	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	0	0	1	2	1	1	1	1	2	1	1	1	1	1	1	1	2	2	4	2	1	1	0	1
9	0	0	0	0	0	0	0	1	0	1	1	1	7	1	1	1	1	1	1	1	1	1	1	1	1
10	1	0	0	****	0	1	0	0	0	0	0	0	1	0	0	D	0	1	1	1	2	2	2	2	1
11	1	0	0	0	0	0	1	1	1	2	1	1	1	1	2	2	2	2	2	3	3	5	4	3	2
12	4	4	3	3	3	2	2	2	2	2	1	1	2	2	3	2	1	2	3	3	2	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	0	0	1
14	0	0	0	0	0	0	1	1	0	1	****	1	1	1	1	S	1	1	1	1	1	1	0	0	1
1S	0	0	0	0	0	0	0	0	0	0	****	2	1	2	2	****	****	1	1	1	1	0	0	1	1
16	1	0	1	1	0	0	1	1	1	0	1	0	0	1	1	1	1	0	0	1	2	2	2	2	1
17	-	1	1	****	1	1	1	2	1	0	0	0	0	0	0	0	1	0	1	3	3	S	4	S	1
18	4	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1
25	1	0	0	0	-	****	0	1	1	1	****	1	0	2	1	1	1	1	1	1	1	1	1	1	1
26	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1
27	1	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	0	2	1	1	0
28	1	1	1	0	****	0	1	****	****	7	****	1	1	1	1	1	2	1	1	1	1	1	2	1	1
29	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	2	3	3	2	2	3	3	2
30	3	2	1	2	3	2	2	3	1	2	1	3	2	1	2	2	1	1	2	2	2	1	2	2	2
31	3	2	1	1	1	1	1	1	2	2	1	2	2	2	2	1	1	1	1	2	1	2	2	2	2
MEAN	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALIO - 97.4 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST.. CORNWALL MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	1	1	3	3	2	****	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1
2	1	3	3	3	3	2	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	1	1
3	1	1	1	1	1	2	1	1	3	1	1	2	1	2	0	0	0	0	0	0	0	0	0	0	1
4	0	1	1	1	2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	1
5	0	0	0	0	0	0	0	****	****	1	1	-	2	0	1	1	0	0	0	0	0	1	1	1	0
6	2	2	2	1	1	1	2	1	1	0	1	1	1	1	1	0	0	1	1	2	3	2	1	0	1
7	0	1	3	3	2	2	3	2	2	2	1	0	1	2	1	1	1	2	3	3	3	2	1	1	2
8	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
9	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	2	2	3	3	1
10	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
11	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	0	-	-	****	0	0	0	0	0
12	0	0	0	1	0	0	3	1	0	0	1	1	1	0	1	1	1	0	****	2	1	2	1	0	1
13	0	1	1	0	1	1	1	0	1	1	0	0	0	0	1	1	1	1	1	2	2	4	4	1	1
14	1	1	1	1	****	1	1	1	****	****	1	1	1	1	1	1	1	1	2	2	1	****	0	1	1
15	0	0	1	1	1	1	2	2	1	1	****	****	2	1	2	2	1	0	0	0	1	1	1	1	1
16	1	1	1	0	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
18	0	0	0	0	0	0	0	1	0	0	****	0	1	-	1	1	1	1	1	2	2	2	2	2	1
19	2	1	2	1	1	2	2	1	0	0	0	0	1	1	1	0	0	0	0	2	2	2	1	0	1
20	****	1	1	1	1	3	2	****	0	0	0	0	0	0	1	2	1	0	2	3	S	4	2	1	1
21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0
22	1	1	1	2	1	2	3	1	1	1	****	0	0	1	1	0	-	0	1	1	0	1	0	0	1
23	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	0
2S	2	1	1	0	1	1	0	****	****	0	0	0	1	0	1	0	-	0	1	3	2	2	2	1	1
26	1	1	0	1	0	1	1	1	1	1	1	1	1	2	1	1	1	0	1	1	1	1	1	0	1
27	0	0	0	0	1	1	2	2	1	2	2	1	0	1	1	1	1	2	1	1	1	1	1	3	1
28	2	1	1	1	1	2	2	2	1	2	1	1	1	2	1	2	1	1	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	-	1
30	0	0	0	0	0	0	0	1	1	2	1	1	2	2	1	-	2	1	1	2	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	2	2	2	2	1	0	1
2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
3	0	0	0	0	0	0	0	0	****	****	****	0	0	1	0	1	0	0	1	1	2	2	2	1	1
4	1	1	1	1	1	1	1	0	0	0	0	0	1	****	****	****	0	0	1	2	2	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	1	****	0	0	1	1	1	1	1	2	2	1	2	1	1
6	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	3	2	2	2	2	1
7	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
8	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
9	0	0	0	0	1	1	2	1	1	0	1	1	7	0	1	1	****	0	0	2	1	1	0	0	1
10	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0	0	0	1	0	0	0	0
11	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
12	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	2	1	1	1	1	0
14	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
1S	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	****	****	****	****	1	1	****	****	****	****	1	1	****	****	****	******
17	1	1	0	0	0	0	0	1	0	0	0	0	0	2	4	2	1	1	1	2	3	4	S	4	1
18	4	3	2	2	2	1	1	2	3	1	1	0	0	0	0	1	1	1	2	2	4	4	2	1	2
19	2	0	1	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	1	2	1	1	1	0	1
20	1	1	0	0	2	1	2	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1
21	****	0	1	0	0	1	1	0	0	0	1	1	0	1	1	1	2	1	2	2	2	1	1	1	1
22	1	0	0	0	3	1	-	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	3	4	1
23	****	1	1	1	0	2	1	0	0	0	1	0	0	1	1	1	1	1	2	1	2	2	2	1	1
24	3	1	0	1	0	1	2	1	0	2	0	1	1	1	1	1	2	2	2	2	2	2	1	1	1
2S	****	0	0	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	2	2	1	****	1	1	1
26	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	1	1	0	0	0	0	1	1	-	1	1	1	1	1	2	4	S	4	2	1
28	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1
29	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	4	4	4	3	1
30	1	1	1	0	0	2	1	1	1	1	0	0	0	0	0	1	1	1	1	3	2	2	5	2	1
31	1	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	0	1	1	1
MEAN	1	1	0	0	0	1	1	0	0	0	0	0	1	0	1	1	1	1	1	2	2	1	2	1	0.7

PERCENTAGE OF DATA VALIO - 96.2 PERCENTAGE OF DATA INVALID - 3.4 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56OS1 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - AUG 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	0	1	1	1	0	1	1	1	1	1	2	2	2	3	3	****	1
2	1	***	0	0	0	1	2	2	***	1	2	1	1	1	1	1	1	1	1	1	0	0	1	0	1
3	0	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	0	1
4	1	0	0	0	0	****	1	0	0	0	1	0	0	1	1	1	1	1	1	1	2	2	1	1	1
5	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	0	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	2	0
7	1	1	1	0	0	0	1	1	****	****	0	0	***	1	0	0	1	1	1	1	2	2	2	2	1
8	1	0	0	0	0	1	1	1	1	1	0	0	0	0	***	****	****	****	0	1	0	1	2	2	1
9	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	1	2	0	0	0	0	0
10	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	2	2	1	1	1	3	2	1	1	1
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0
12	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1	2	1	1	1	1
13	2	1	1	1	1	1	1	1	1	0	****	0	0	0	0	0	1	0	1	0	0	0	0	0	1
14	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0
1S	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
16	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	2	0
17	1	0	0	1	0	1	0	0	0	1	1	0	1	0	0	0	1	1	2	2	1	****	1	0	1
18	0	1	0	0	0	1	1	1	1	0	1	0	0	0	1	1	1	0	0	1	1	0	1	1	1
19	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	3	1
20	2	2	2	1	1	1	2	2	3	3	1	2	1	1	1	1	0	0	1	3	4	4	4	2	2
21	1	0	0	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	4	S	4	1	2	1
23	3	3	2	2	2	2	3	2	1	***	****	0	0	1	1	2	1	1	1	0	0	0	0	0	1
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0
25	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1
26	1	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	1	2	1	1	1	0	1
27	0	0	0	0	0	0	1	****	1	2	0	1	1	1	0	0	1	1	1	2	1	0	0	0	1
28	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1	0	1	2	3	2	1	1	1	1
29	0	0	0	0	0	1	3	2	2	2	2	1	0	1	1	1	1	1	1	1	0	1	0	1	1
30	0	1	1	1	1	1	1	2	1	0	1	1	1	1	2	2	1	1	2	2	2	2	1	1	1
31	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	0	1	1
MEAN	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF OATA VALIO - 97.7 PERCENTAGE OF OATA INVALIO - 2.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56OS1 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - SEP 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	4	4	1	0	0	1
2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0
3	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0
4	0	0	0	0	0	0	1	1	1	****	0	0	1	0	0	0	0	0	2	2	3	2	1	1	1
S	1	0	0	0	0	1	1	1	1	0	0	1	0	0	0	1	1	1	3	4	2	1	1	1	1
6	0	0	0	0	1	2	2	2	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	0	1
7	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	1	1	0	1	0	0
8	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0
9	1	1	0	0	1	0	0	1	1	0	0	0	0	****	1	0	0	0	1	2	1	1	0	0	0
10	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	1	1	0	0	0	0	1	0	0	0
11	1	0	0	0	0	1	1	0	****	****	1	0	0	1	1	-	0	1	1	1	1	2	2	1	1
12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	1
13	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	S	3	3	2	1	2
14	1	1	1	1	1	1	3	3	1	1	2	****	****	2	2	2	2	1	1	0	1	1	1	1	1
15	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	1	0
16	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1	1	1	1	0	0	0	0
17	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
1B	1	0	0	0	1	1	1	****	1	1	1	1	1	1	****	1	1	1	1	****	0	0	0	1	1
19	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	****	1	1	0	1	0	1	0
20	2	1	1	1	1	1	2	1	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
21	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	****	1	2	2	1
22	2	2	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1
23	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1
24	0	1	1	1	1	1	1	2	2	2	0	1	0	0	1	1	1	2	3	3	3	2	1	0	1
25	0	0	0	1	0	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1	0	1	1
26	1	1	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	1	1	2	2	2	2	2	1
27	1	3	1	1	0	1	1	1	1	2	1	0	1	1	1	1	1	1	2	1	1	1	0	0	1
28	1	0	0	0	0	1	3	2	1	2	2	1	1	1	2	2	1	1	1	1	1	1	1	0	1
29	1	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	1	2	2	3	2	2	2	2	1
30	2	2	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	1	1	0	0	1	1
MEAN	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0.8

PERCENTAGE OF OATA VALIO - 98.3 PERCENTAGE OF OATA INVALIO - 1.S PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	****	****	1	2	2	2	2	2	2	1
2	2	2	2	2	6	2	2	2	1	1	1	1	1	2	3	3	3	3	4	4	3	2	1	1	2
3	1	1	2	2	2	2	2	1	1	1	****	1	2	2	3	4	2	2	3	3	2	1	0	0	2
4	0	1	0	1	1	1	2	2	1	1	1	1	1	1	0	1	1	2	2	2	2	3	2	2	1
5	1	1	1	1	0	1	2	3	2	2	2	2	1	1	1	3	4	2	1	1	1	1	1	1	2
6	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0
8	0	-	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	2	2	2	1	1
9	1	1	0	0	0	1	1	1	1	0	-	****	1	0	1	1	2	1	1	1	1	1	1	1	1
10	1	1	-	0	0	****	1	1	6	****	****	****	****	0	0	0	1	2	2	2	2	2	1	1	1
11	1	0	0	1	0	0	1	1	0	0	0	1	0	1	****	1	1	2	2	2	1	2	2	2	1
12	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	0	0	1
13	1	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	0	0	0	0	1	-	2	1	1	1	1	2	3	1	1	1	0	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	1	0	0	-	****	0	1	0	1	2	3	2	2	2	2	2	1
17	2	2	2	2	2	1	2	-	-	2	2	1	1	1	3	3	2	2	1	1	1	1	1	1	2
18	1	1	1	0	0	1	1	2	1	0	0	1	1	0	0	0	1	3	3	2	3	4	2	2	1
19	1	1	2	2	2	2	2	3	2	1	1	1	1	1	1	-	-	3	3	2	1	0	0	1	2
20	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	1	0	1	0
21	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0
22	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	1	2	3	3	4	3	3	2	1	1
23	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	****	1	1	0	0	0	1	1	1	1	1	0	-	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	1	-	0	-	1	2	1	0	6	1	0	1	0	1	1
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0
29	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	****	2	2	3	3	3	2	2	1
31	1	1	2	3	3	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	3	2	3	2	3	4	4	4	4	4	5	3	3	2	3
2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
3	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	3	1	4	2	2	1	1	-	1
4	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	1	2	2	2	1
5	1	1	1	1	1	1	1	1	1	****	****	0	0	0	1	1	2	3	3	3	3	4	3	4	2
6	2	2	2	1	1	1	1	3	4	0	1	1	1	1	1	2	3	3	2	2	3	3	2	2	2
7	2	2	3	2	3	2	2	2	2	2	2	1	1	2	2	2	1	1	1	0	0	0	0	0	1
8	0	0	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0
9	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	2	1	2	1	-	1	1	1	1	1
10	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	****	1	1	1	1	1	1	1	1	1
11	2	1	-	1	1	1	1	1	0	0	0	0	-	0	0	0	1	1	1	1	1	1	1	1	1
12	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	2	2	1
13	1	2	1	1	0	0	1	1	1	1	1	1	1	2	2	3	1	3	2	1	1	1	1	1	1
14	1	1	0	0	0	0	0	1	1	0	0	0	1	0	1	1	1	0	0	0	0	0	1	0	0
15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	****	****	1	1	2	2	1	2	2	1	2	2	2	2	1
20	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	2	2	2	3	2	2	2	2
21	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	3	-	-	1	1	1	1	1	1
22	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
23	1	1	2	2	2	2	2	1	2	2	1	2	2	3	3	3	4	3	2	2	2	2	2	2	2
24	2	-	2	2	2	2	1	2	2	2	3	2	1	2	2	2	2	1	1	1	1	****	1	1	2
25	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1
28	1	0	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
29	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	****	-	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	****	2	1	2	1	1	1	0	1	0
2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	4	1	1	2	2	0	****	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1
5	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	1	1	****	5	1	1	1	1
6	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	1	1	1	1	0	1	1
7	1	1	1	1	1	1	0	1	****	9	1	1	1	1	1	1	2	2	1	1	1	1	0	1	1
8	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	****	1	0	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0
10	0	0	0	0	0	0	1	2	2	1	1	1	0	1	1	2	1	2	1	1	1	1	1	1	1
11	1	1	1	2	2	2	2	2	2	1	2	2	3	2	4	2	4	5	5	2	1	1	1	1	2
12	1	1	2	1	1	1	1	1	1	1	1	1	1	****	1	1	1	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	2	1	1	1	2	1	1	1	1	1
14	0	1	0	0	0	1	1	1	1	****	1	1	1	****	1	****	2	2	1	1	1	1	1	1	1
15	0	1	1	1	1	2	2	2	2	0	0	1	1	0	1	1	2	1	2	2	1	0	0	0	1
16	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	1	2	4	4	3	1	1
18	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	3	2	2	3	3	3	3	4	2
19	3	3	2	2	2	2	1	1	2	1	1	1	1	1	2	2	4	4	2	3	4	3	4	4	2
20	3	3	3	3	3	3	3	3	3	3	4	4	4	5	6	5	4	5	4	4	4	4	4	4	4
21	4	4	4	4	4	4	4	4	4	3	4	5	3	3	4	6	6	7	8	6	6	7	8	6	5
22	7	5	5	6	6	6	5	4	4	4	4	4	5	4	5	6	6	6	6	5	5	5	5	5	5
23	4	4	3	3	3	3	3	3	3	3	2	3	4	4	3	3	3	3	3	2	3	3	2	2	3
24	2	2	2	2	2	2	2	2	1	1	2	5	4	2	3	3	3	3	3	2	2	2	2	2	2
25	2	2	2	2	2	1	1	1	1	0	0	1	0	0	0	1	1	0	0	-	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0
27	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	1
28	1	1	1	1	1	0	0	1	0	1	1	2	1	1	1	2	1	1	1	1	1	0	0	1	1
29	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	1	2	1	1	1	1	1	0	0	1
30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
31	1	1	1	0	0	0	1	1	2	1	1	0	1	1	1	1	2	2	2	2	2	1	1	-	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1.4

PERCENTAGE OF OATA VALIO - 98.5 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTE5 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	2.1	5	8
FEB	28	1.5	4	7
MAR	29	1.8	5	9
APR	30	0.9	2	6
MAY	31	0.8	2	7
JUN	30	0.9	2	5
JUL	30	0.7	2	7
AUG	31	0.7	2	5
SEP	30	0.8	2	5
OCT	31	0.9	2	6
NOV	30	1.1	3	5
OEC	31	1.4	5	9
YEAR	362	1.1	5	9

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	263	365	81	3	0	0	0	712
FEB	392	194	49	2	0	0	0	637
MAR	374	204	93	6	0	0	0	677
APR	555	123	16	0	0	0	0	694
MAY	593	120	10	2	0	0	0	725
JUN	570	117	4	0	0	0	0	691
JUL	617	83	15	1	0	0	0	716
AUG	632	89	6	0	0	0	0	727
SEP	616	87	5	0	0	0	0	708
OCT	562	148	9	0	0	0	0	719
NOV	512	178	11	0	0	0	0	701
DEC	506	147	74	6	0	0	0	733
YEAR	6192	1855	373	20	0	0	0	8440

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH	
	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
96.3	0	0.0	0.0	0.4	0.9	2.1	2.9	3.9	4.6	9	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- OATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- OATA UNAVAILABLE -																								
23	-	-	-	-	-	-	-	-	-	-	-	-	-	****	3	2	2	2	1	2	3	2	1	1	******
24	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	
25	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
26	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	3	1
27	2	2	1	1	1	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	4	4	5	4	2
28	4	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	2	2
29	1	1	2	2	1	1	1	1	1	1	1	2	3	4	4	3	2	2	1	2	2	1	1	1	2
30	1	4	2	4	5	4	4	4	3	3	3	2	2	****	****	****	****	****	****	****	****	****	****	****	******
31	- OATA INVALIO -																								
MEAN	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	1.6

PERCENTAGE OF OATA VALIO - 22.4 PERCENTAGE OF OATA INVALIO - 4.8 PERCENTAGE OF OATA UNAVAILABLE - 72.7

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 5B030 132 KING ST, PORT HOPE MONTH - SEP 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	1	1	1	2	S	3	1	2	******
2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	2	3	2	2	1	2	1
3	2	1	1	1	2	2	2	1	1	1	1	1	1	1	3	2	1	1	2	2	3	2	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	1
5	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	4	3	2	3	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	2	1	1	1	1	1	1	1	2	2
7	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2
B	1	1	1	1	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1
9	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1
10	1	1	1	2	2	2	2	1	1	1	2	3	1	1	2	2	2	2	1	1	1	1	1	2	2
11	1	1	1	1	2	2	3	2	1	1	1	1	1	0	1	1	1	1	2	3	3	3	3	3	2
12	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	2	2	2
13	1	1	2	2	2	3	2	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	1
14	1	1	1	1	1	2	2	2	3	3	2	3	3	1	1	1	2	1	1	2	2	1	2	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1
16	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	2	3	2	3	3	3	4	4	4	2	3	3	4	3	3	3	3	3	4	S	3	4	3
1B	S	3	2	3	2	1	2	2	2	2	3	2	2	3	3	2	2	3	2	2	1	1	1	1	2
19	1	1	1	1	0	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	1	2	1	1
20	2	2	2	2	2	2	3	3	2	2	1	1	2	2	2	1	2	2	2	2	2	2	3	3	2
21	3	2	3	3	3	3	4	S	4	3	3	3	4	4	3	2	****	2	3	2	2	1	2	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1	2	1
23	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	2	3	3	3	2	2	1
24	1	2	2	2	2	2	2	3	2	1	1	2	1	1	1	1	1	1	3	4	4	4	3	3	2
2S	3	2	3	2	3	2	3	1	2	2	3	3	3	3	2	2	3	3	3	2	3	3	3	3	3
26	4	2	4	3	3	3	2	3	1	3	4	3	2	4	6	4	3	2	2	4	4	4	3	3	3
27	2	2	2	2	3	2	3	4	2	2	3	3	2	2	3	2	2	2	S	6	6	5	5	4	3
2B	3	3	3	3	3	3	3	4	4	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	3
29	3	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	4	3	3	3	2
30	2	3	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	3	3	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	1.8

PERCENTAGE OF OATA VALIO - 9B.2 PERCENTAGE OF OATA INVALIO - 1.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 5B030 132 KING ST, PORT HOPE MONTH - OCT 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	1	1	1	2	1	2	2	1	1	1	1	1	3	4	3	3	3	2	2
2	2	1	2	2	2	1	2	3	2	2	3	2	1	1	2	2	2	2	2	2	2	2	1	2	2
3	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	3	4	S	4	4	2	1	2	2
4	3	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	3	4	3	2	2	1	2	2
5	2	3	3	2	2	2	2	4	4	3	4	3	3	2	3	3	3	3	3	3	2	2	1	1	3
6	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	2	2	2	1
10	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2
11	1	1	1	2	2	2	2	3	3	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1	3	2	2	2	2	2	2
13	2	1	1	1	1	2	1	1	2	2	2	2	2	2	2	1	2	1	1	1	2	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	1
15	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	2	3
16	2	2	2	2	2	2	2	3	2	1	1	1	1	1	2	2	1	1	3	3	3	3	3	2	2
17	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	4	3
1B	4	3	3	3	2	2	2	2	2	1	2	2	2	****	****	2	2	2	3	3	3	2	2	2	2
19	3	3	3	3	2	2	1	1	2	2	2	2	2	2	2	2	2	3	2	4	S	5	4	S	3
20	3	3	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	3	4	3	2	3	4	3
21	4	4	4	4	3	2	2	2	2	3	2	2	2	3	3	3	3	3	S	6	7	6	S	S	4
22	S	S	5	5	S	4	4	4	4	4	3	3	3	3	4	4	4	S	7	6	S	4	4	3	4
23	3	2	2	2	2	3	2	2	2	2	3	3	2	2	2	2	2	1	2	2	3	2	2	2	2
24	1	2	2	2	3	2	2	2	2	3	2	2	2	2	3	2	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	2	2	1
26	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	2
27	1	2	1	1	1	2	2	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
2B	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	2	3	3	1	1	2
29	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
30	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	3	3	3	3	3	1	1
31	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	1.9

PERCENTAGE OF OATA VALIO - 99.7 PERCENTAGE OF OATA INVALIO - 0.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO S8030 132 KING ST, PORT HOPE MONTH - NOV 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	4	4	4	1	
2	2	2	1	2	2	2	2	2	2	2	3	4	3	3	2	2	2	1	1	1	3	2	3	4	2	
3	2	2	2	1	1	1	1	2	1	1	1	2	3	2	2	3	S	S	3	2	2	3	2	2	2	
4	2	2	2	2	2	1	1	1	1	1	1	1	1	3	1	1	1	1	2	2	3	2	3	3	2	
5	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	3	4	3	3	3	3	3	2	
6	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	2	
7	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	
8	1	2	2	3	2	1	1	1	1	1	1	1	2	2	2	3	3	2	2	2	1	3	2	2	2	
9	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	4	3	3	3	2	2	2	2	
10	2	3	3	2	3	2	2	2	2	2	2	1	1	1	3	3	3	4	4	3	3	2	2	3	2	
11	2	3	3	2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	2	2	2	2	1	2	
12	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2	
13	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	2	
14	2	2	2	2	2	2	2	2	2	1	1	1	1	****	1	2	2	3	3	3	2	2	2	2	2	
1S	2	2	2	2	2	3	2	3	3	2	1	2	2	2	2	2	3	3	3	3	3	3	2	1	2	
16	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	3	3	2	2	2	2	2	3	2	2	
17	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2	3	3	4	4	3	3	3	2	3	3	
18	2	2	3	3	2	2	2	3	3	2	1	2	2	2	2	2	2	2	2	2	3	2	2	2	2	
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	
20	3	3	3	2	2	3	2	3	3	3	3	3	3	3	3	4	4	3	3	2	2	2	2	2	3	
21	2	2	2	2	3	3	3	4	3	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	
22	2	2	2	2	2	2	2	2	2	2	2	4	4	4	5	4	4	3	4	3	3	3	4	3	3	
23	3	2	2	2	2	3	3	3	3	3	2	3	3	3	4	4	S	S	4	5	4	3	2	2	3	
24	2	2	2	2	3	3	2	****	****	****	*	2	2	1	1	3	4	3	2	2	2	2	3	2	3	2
25	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2	
26	2	2	2	2	1	2	2	2	2	2	2	2	1	3	3	3	3	2	2	3	3	3	4	4	2	
27	4	4	4	4	4	4	4	S	4	4	4	4	4	3	3	4	S	3	3	4	4	4	4	4	4	
28	4	4	3	3	3	2	2	2	3	2	1	2	1	2	2	2	2	3	3	4	4	3	2	2	3	
29	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	2	2	2	3	3	3	3	3	2	
30	3	3	3	3	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	3	4	3	4	2	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.2	

PERCENTAGE OF DATA VALIO - 99.3 PERCENTAGE OF OATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

5TATION - C NO 58030 132 KING ST, PORT HOPE MONTH - DEC 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	2	2	3	3	3	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	1
3	3	2	2	2	2	3	3	2	2	2	2	3	2	2	2	2	2	2	3	2	3	2	3	2	2
4	2	2	2	2	2	2	2	2	3	3	2	2	2	1	1	1	3	2	3	3	3	3	3	3	2
S	4	4	2	2	3	2	2	2	2	2	3	3	3	3	4	4	4	4	3	3	3	3	3	4	3
6	4	3	3	3	2	3	2	3	3	3	4	4	4	4	4	3	3	3	3	2	3	3	3	3	3
7	3	3	3	3	3	3	2	2	2	2	2	2	2	2	****	2	2	3	3	3	2	2	2	2	2
8	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1
9	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	1	2
10	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	2
11	3	3	3	4	4	3	3	3	3	3	4	3	4	4	S	6	4	4	4	3	3	3	3	3	4
12	3	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
13	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2
14	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1
15	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1
16	3	3	3	3	4	4	3	3	2	2	2	2	3	3	3	3	3	2	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	2	2	2	1	1	1	1	1
18	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	1	1	1	2	2	2	2	1	1	2	2	2	1	2	2	2	2	2	2	2
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	1	1	1	2
21	2	1	1	1	1	1	1	3	2	2	3	2	1	1	1	1	2	3	3	3	2	2	2	3	2
22	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	2	3	3	3	3	2
23	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	3	3	2	3
24	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	3	3	2	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	2
30	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
31	1	1	2	1	2	2	1	1	2	1	1	1	1	1	3	2	3	3	3	3	2	3	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF OATA INVALIO - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTE5 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA I5 UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO SB030 132 KING ST. PORT HOPE

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN		DATA UNAVAILABLE		
FEB		OATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		OATA UNAVAILABLE		
JUN		OATA UNAVAILABLE		
JUL		OATA UNAVAILABLE		
AUG	6	1.6	2	5
5EP	29	1.B	3	6
OCT	31	1.9	4	7
NOV	30	2.2	4	5
OEC	31	1.9	4	6
YEAR	127	2.0	4	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINE5CENT UNITS - 0.01 PARTS/MILLION

STATION - C NO SB030 132 KING 5T. PORT HOPE

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN		OATA UNAVAILABLE						
FEB		OATA UNAVAILABLE						
MAR		OATA UNAVAILABLE						
APR		OATA UNAVAILABLE						
MAY		OATA UNAVAILABLE						
JUN		OATA UNAVAILABLE						
JUL		OATA UNAVAILABLE						
AUG	102	49	16	0	0	0	0	167
SEP	31S	351	41	0	0	0	0	707
OCT	314	378	4B	2	0	0	0	742
NOV	136	51B	61	0	0	0	0	71S
OEC	256	461	26	0	0	0	0	743
YEAR	1123	17S7	192	2	0	0	0	3074

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	9B	99	MAX	ARITH MEAN
B3.7	0	0.3	0.B	1.3	1.9	2.B	3.3	3.9	4.3	7	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
2	0	0	2	1	0	0	0	1	1	1	1	1	1	1	1	1	2	3	3	3	-	-	-	3	1
3	2	3	3	3	3	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
4	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	****	0	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
7	0	0	0	0	0	1	1	3	3	3	2	1	1	2	1	2	3	3	3	2	3	3	3	3	2
8	3	3	3	2	1	1	1	2	2	2	2	1	1	****	4	3	3	2	2	1	2	2	2	1	2
9	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	1
10	0	1	0	0	1	1	1	1	1	0	0	0	0	****	0	0	2	2	2	3	2	2	****	2	1
11	1	2	2	2	4	2	3	3	3	3	3	3	3	3	3	3	4	3	-	-	-	3	3	3	3
12	3	3	3	3	2	2	2	2	2	2	1	0	2	2	2	3	3	3	-	-	2	2	2	2	2
13	2	2	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0
15	0	0	0	0	0	0	1	2	3	2	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1
16	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	4	3	3	4	3	3	3	2
17	3	3	3	1	1	1	1	2	1	1	1	1	1	1	0	0	****	1	1	1	1	1	1	3	1
18	0	1	1	0	2	1	0	0	1	1	-	-	1	1	1	1	2	3	3	3	3	3	4	3	2
19	4	4	3	4	4	3	4	3	3	2	2	0	-	0	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	3	3	3	3	3	2	2	3	2	1
24	1	1	1	1	1	1	1	1	-	-	1	1	2	2	1	2	2	1	1	1	1	1	2	1	1
25	0	1	1	1	0	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1	0
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	******
3	****	****	****	****	****	****	****	****	4	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	******
4	****	****	****	****	****	****	****	****	2	2	1	2	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	1	0	0	1	0	0	1	******
6	1	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	1	1	0	****	****	****	2	2	1	1	1	1	1	1	1
8	0	0	0	0	0	0	1	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	1	1	1	0	0	0	1	1	2	1	2	3	3	3	3	3	4	4	1
10	3	3	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
11	1	1	2	2	1	1	2	2	2	2	2	2	1	1	1	1	2	1	1	1	2	1	2	2	2
12	1	2	3	3	3	2	2	1	0	0	0	6	0	0	0	0	1	1	1	1	1	1	1	1	1
13	1	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	1	2	****	3	2	2	3	2	1
14	3	2	2	2	2	1	1	1	2	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	0	0	0	1	0	0	0	0	0	0	0	0	-	0	0	0	1	1	1	1	2	2	2	1
18	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	-	2	2	****	2
19	****	2	****	2	2	2	2	2	2	2	2	2	1	1	0	1	1	1	1	1	1	1	1	1	1
20	1	1	1	0	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
21	2	2	1	1	1	1	1	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	****	2	1	1	2	2	1	1	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	0	0	1	0	****	****	****	****	****	****	****	****	****	****	******
27													- DATA INVALID -												
28													- DATA INVALID -												
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 78.9 PERCENTAGE OF DATA INVALID - 20.4 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - MAR 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	0	0	1	1	1	******
2	0	0	0	0	0	0	0	1	1	1	1	2	****	****	1	3	2	-	****	1	1	1	1	2	1
3	1	1	0	0	1	1	1	2	1	2	2	2	2	2	2	3	3	5	S	4	4	3	3	4	2
4	3	2	2	2	2	2	2	1	1	2	1	1	2	1	1	1	1	1	1	2	2	3	1	1	2
5	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
7	-	****	1	1	0	0	1	1	1	1	0	5	1	1	0	1	1	1	1	1	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	.0	0	1	1	1	2	2	1	1	1	1	0
9	1	1	1	1	0	0	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
10	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	0	1	0	0	-	1	0
13	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	4	4	3	3	2
14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0
16	0	0	0	0	0	-	0	1	0	0	0	0	0	7	1	0	1	1	1	1	3	3	3	2	1
17	3	4	5	3	2	2	3	3	2	2	2	1	1	1	2	2	3	2	3	3	4	4	2	3	3
18	6	S	S	S	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	4	S	5	4	4	3
19	4	2	****	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	3	4	3	4	4	3	2
20	3	2	3	3	2	2	2	3	3	3	2	2	1	1	0	0	1	-	****	4	4	****	2	4	2
21	4	4	4	3	3	4	4	4	4	4	3	2	2	2	1	1	2	2	3	3	3	2	1	1	3
22	1	1	1	1	1	1	1	2	2	2	0	0	0	0	1	0	1	1	4	3	2	2	3	3	1
23	3	3	3	3	2	2	2	3	3	3	3	1	4	2	2	4	4	S	S	6	5	6	7	6	4
24	6	S	2	2	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
28	****	1	****	****	****	****	****	****	****	1	0	0	1	1	0	1	2	2	2	2	2	2	2	1	1
29	1	2	2	1	2	1	1	2	1	1	1	1	0	0	1	1	1	1	2	1	1	1	****	0	1
30	0	1	1	0	0	0	0	1	2	2	2	****	3	3	3	2	3	3	2	1	1	1	1	1	1
31	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1.2

PERCENTAGE OF OATA VALIO - 94.8 PERCENTAGE OF DATA INVALIO - 4.6 PERCENTAGE OF OATA UNAVAILABLE - 0.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	!	1	1	0	0	1	0
2	0	0	0	0	0	0	0	1	1	1	1	****	1	1	1	2	1	2	2	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
4	2	1	1	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1
S	0	0	0	0	0	****	0	0	-	-	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
8	1	2	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
11	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1
12	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	3	3	3	2	3	3	3	2
13	2	2	1	0	0	0	0	0	0	0	1	2	2	1	2	2	1	1	2	2	2	2	1	2	1
14	1	1	1	0	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	3	3	3	1	1
15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	****	-	-	0	0	0	0	1	1	1	1	1	1	0
19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	2	4	4	3	4	4	1
20	3	3	2	1	1	1	1	3	3	1	1	4	0	0	0	0	0	0	1	1	1	1	2	1	1
21	1	2	4	4	3	2	1	1	1	1	1	1	1	1	2	1	1	1	2	1	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0
24	1	3	2	0	0	1	1	1	1	0	1	0	0	1	1	1	1	1	1	2	4	3	4	4	1
25	3	2	2	2	1	****	1	2	3	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1
26	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
30	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0.5

PERCENTAGE OF OATA VALIO - 98.2 PERCENTAGE OF OATA INVALIO - 1.0 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - MAY 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	1	0
2	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
3	0	0	0	0	0	0	1	2	1	1	2	1	2	1	****	****	1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	2	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1
7	0	0	0	0	0	0	1	2	1	1	6	1	1	1	1	1	1	1	1	1	2	1	1	0	1
8	0	0	0	0	1	1	2	2	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
11	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	3	1	1	1	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
15	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	0	1	****	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
1B	0	0	0	0	0	1	1	1	1	1	1	1	1	****	1	1	1	1	1	0	0	2	1	1	1
19	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	1
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0
21	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
22	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	0
23	0	0	0	1	1	2	1	1	1	0	0	0	1	0	1	0	0	1	0	0	0	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2S	0	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	1	1	0
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0
30	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	1	1	1	0	1
31	0	1	0	0	1	1	1	2	2	1	0	0	1	0	0	0	1	0	0	0	1	1	3	3	1
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0.4

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	3	3	2	3	2	1	2	2	1	0	0	****	-	-	1	1	1	1	1	0	0	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
4	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	2	3	3	2	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	****	****	****	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	2	1	2	1	1	1	0	0	1	1	0	0	1	****	1	1	0	1
9	****	****	0	0	0	0	0	0	****	0	****	1	1	1	****	1	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	****	****	****	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	******
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	****	0
14	0	****	0	****	****	0	****	****	0	0	0	0	****	0	0	0	0	1	1	1	1	1	1	1	0
15	0	0	0	0	0	0	1	1	1	0	****	****	0	0	0	1	0	0	1	1	1	1	1	1	0
16	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	****	****	1	****	0
17	1	0	0	0	0	0	0	1	0	****	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1B	0	0	****	****	****	0	0	0	****	****	****	0	0	0	0	1	2	2	2	1	3	3	3	3	1
19	3	2	2	2	1	1	3	4	2	1	0	0	0	0	0	1	1	0	0	0	1	3	4	3	1
20	2	0	0	0	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0	1
21	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1
22	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0
2S	2	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	-	0	0	1	0	0	1	1	1
26	1	0	0	0	0	0	0	1	1	0	0	0	0	0	****	1	1	1	3	5	5	4	2	0	1
27	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
2B	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
29	0	1	2	2	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	2	1	-	1
30	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0.S

PERCENTAGE OF OATA VALIO - 91.7 PERCENTAGE OF OATA INVALIO - 7.1 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	0
6	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
7	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
9	0	0	0	0	1	2	2	4	4	1	0	0	0	1	0	0	0	0	1	0	1	1	1	0	1
10	1	1	0	0	0	1	2	3	4	2	1	-	0	1	1	1	1	1	1	1	1	1	1	1	1
11	0	1	0	1	0	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	****	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	****	0	0	0	0	0	****	****	0	0	0	0	****	0	0	0	0	0	0	0	0
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
17	0	0	0	0	****	0	0	-	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	0
18	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
20	0	0	1	1	0	0	1	0	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	0	1
21	****	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
23	****	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	****	****	1	1	1	1	1	1
24	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
25	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
27	1	1	0	0	2	1	1	1	1	0	0	0	0	-	0	0	0	0	0	1	1	1	1	1	1
28	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
30	0	0	0	0	0	0	2	2	1	1	0	0	0	1	0	1	1	1	1	1	1	1	0	1	1
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.3

PERCENTAGE OF DATA VALID - 95.2 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN DIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	0
2	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
9	1	0	0	0	0	1	2	1	0	0	0	0	0	****	****	1	0	0	1	1	1	0	0	0	0
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	0
12	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
13	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
17	0	0	0	0	0	1	1	1	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1
18	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
20	1	1	0	0	1	1	1	1	2	1	2	1	1	0	1	1	0	0	0	1	2	2	2	2	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	1
22	2	1	1	1	1	1	2	2	1	1	1	1	0	0	0	1	1	1	1	3	2	2	2	1	1
23	1	0	1	0	0	1	1	1	1	1	1	1	2	1	2	2	2	1	1	2	1	1	1	0	1
24	1	0	1	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
27	0	0	1	0	0	1	1	1	1	1	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1
28	0	0	0	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	1	1
29	1	0	0	0	0	0	1	2	0	0	0	1	1	1	0	0	1	0	0	1	0	0	0	0	0
30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.3

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - SEP 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	****	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
S	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	0
6	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	****	****	****	0
12	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0
20	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	2	2	0
23	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1
24	1	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1
25	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
27	1	1	1	1	1	1	2	2	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	1	C	2	1	1	1	0	1	0	0	1	1	1	1	1	1	1	0	1	1
29	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	1	0	1	0
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF OATA VALIO - 97.1 PERCENTAGE OF OATA INVALIO - 2.B PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - OCT 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0
9	0	0	0	0	0	0	C	0	0	0	-	****	0	0	0	0	0	0	1	2	1	1	1	1	0
10	1	1	-	0	0	****	1	2	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	1
11	0	0	0	0	0	0	0	1	1	1	0	1	1	0	****	1	1	1	1	1	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	-	0	****	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
16	1	1	2	1	1	1	1	1	2	1	1	-	0	0	0	0	0	1	1	1	1	1	2	2	1
17	2	1	2	1	2	1	2	-	-	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
18	1	1	1	1	1	2	1	1	1	4	2	0	0	1	0	****	****	****	****	****	****	****	****	****	******
19	****	****	****	****	****	****	****	****	****	****	****	****	****	2	****	-	-	****	****	****	****	****	****	****	******
20	1	1	1	1	1	1	2	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
21	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	****	****	****	****	****	****	****	1	1	******
22	1	1	1	2	3	****	****	****	****	****	****	1	****	1	2	2	2	****	****	****	****	****	1	1	******
23	1	1	1	1	1	2	3	2	2	1	****	1	1	1	1	1	1	****	****	1	****	1	1	1	1
24	1	1	1	1	1	1	1	1	6	****	****	****	****	****	0	****	****	****	****	****	-	-	****	0	******
25	0	0	0	0	0	****	0	0	****	0	****	****	0	****	****	****	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	5	0	0	-	0	-	0	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
30	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
31	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	3	3	1
MEAN	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0.S

PERCENTAGE OF OATA VALIO - 86.0 PERCENTAGE OF OATA INVALIO - 12.2 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	2	2	1	1	2	2	1	1	1	2	1	1	1	1	1	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
3	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
5	1	0	1	1	0	2	2	2	2	2	2	1	2	0	1	1	2	2	2	2	3	3	3	3	2
6	3	2	1	1	0	0	0	1	1	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1
8	0	1	1	1	0	-	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	1	2	2	1	0	1	1	1	1	1	1	1	1	-	1	1	1	1	1
10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
11	0	0	-	0	0	0	0	0	0	0	0	0	-	0	0	0	0	2	2	2	2	2	2	2	1
12	2	3	2	-	2	2	2	2	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	0	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	2	2	2	1	2	1	1
15	1	1	1	1	2	1	1	2	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0
18	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	1	1	1	1	1	2	1	2	2	3	3	3	3	3	3	2	2	1
20	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	2	1	0	****	6	1	1	1	1	-	-	1	1	0	1	0	1
22	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
23	0	0	0	0	0	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1
24	1	-	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	****	2	2	1
25	3	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
28	1	1	0	2	2	2	0	2	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
MEAN	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	0.6

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 0.6 PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OIOXIOE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	****	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	****	1	1	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
5	1	1	1	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
7	1	1	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	1	0	0	1	1	0
9	1	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
10	2	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	2	2	1	1	1	1	2	2	1
11	2	3	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
12	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0
13	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	2	2	2	1	2	2	2	1
14	2	2	1	1	1	1	1	2	1	1	1	0	0	****	0	0	1	2	2	2	2	1	1	2	1
15	2	3	2	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17	1	0	0	1	1	0	1	2	2	1	2	1	1	1	1	1	1	1	1	2	1	0	0	0	1
18	0	0	0	0	0	0	0	1	2	1	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1
19	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	2	2	2	2	1	2	2	1
20	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1
21	1	1	2	2	2	2	2	2	1	2	1	2	1	2	2	2	2	2	2	2	2	3	4	3	2
22	2	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
23	2	2	2	2	1	1	2	2	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	0	1
24	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0
29	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	2	0
31	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1	3	2	1	1	1	1	0	-	1
MEAN	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF OATA VALIO - 99.2 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	0.8	3	4
FEB	21	0.7	2	6
MAR	30	1.2	4	7
APR	30	0.5	2	4
MAY	31	0.4	1	6
JUN	28	0.5	1	5
JUL	30	0.3	1	5
AUG	31	0.3	1	3
SEP	29	0.2	1	3
OCT	25	0.5	1	6
NOV	30	0.6	2	6
DEC	31	0.7	2	4
YEAR	347	0.6	4	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL
JAN	569	142	11	0	0	0	0	722
FEB	433	92	5	0	0	0	0	530
MAR	500	154	49	2	0	0	0	705
APR	631	66	10	0	0	0	0	707
MAY	702	31	1	0	0	0	0	734
JUN	609	46	5	0	0	0	0	660
JUL	691	13	4	0	0	0	0	708
AUG	706	34	0	0	0	0	0	740
SEP	684	15	0	0	0	0	0	699
OCT	597	40	3	0	0	0	0	640
NOV	623	82	1	0	0	0	0	706
DEC	618	118	2	0	0	0	0	738
YEAR	7363	833	91	2	0	0	0	8289

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94.6	0	0.0	0.0	0.0	0.3	1.2	1.8	2.7	3.2	7	0.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	8	6	3	3	3	2	2	2	2	3	4	2	2	2	-	3	1	3	3	2	3	3	3	3
2	3	1	1	1	1	1	3	4	-	7	10	8	4	4	3	4	4	4	3	3	-	-	-	6	4
3	5	4	3	4	4	4	6	7	10	9	7	9	8	6	4	7	8	8	9	9	5	6	5	4	6
4	5	4	4	4	5	6	5	6	8	8	8	7	5	6	5	5	7	7	7	7	7	8	9	9	6
5	8	6	6	5	6	6	7	10	13	12	10	8	10	10	11	11	12	-	12	10	8	8	-	8	9
6	7	8	8	8	8	12	13	12	10	8	5	5	11	9	7	6	4	5	7	8	7	6	9	10	8
7	11	11	11	14	10	8	7	11	12	13	20	8	7	10	11	10	9	7	6	6	4	2	3	4	9
8	4	4	3	2	1	2	2	3	5	6	6	5	4	5	5	6	7	7	7	5	5	7	9	9	5
9	8	9	9	10	8	7	8	10	9	7	7	6	7	11	11	10	10	8	8	11	11	11	12	12	9
10	11	10	10	12	11	11	12	12	13	-	11	6	4	-	4	5	6	6	6	7	8	9	-	13	9
11	19	18	19	20	20	18	19	28	34	35	33	12	10	7	5	4	5	6	7	-	-	7	8	6	15
12	5	4	4	5	7	7	8	8	9	-	8	6	5	5	6	6	9	9	-	-	10	11	12	11	7
13	8	8	6	6	5	6	6	7	6	6	6	6	6	6	7	8	10	9	7	9	10	9	-	12	7
14	16	20	12	8	4	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4
15	3	6	7	7	7	8	9	9	10	13	13	14	11	11	12	14	13	6	6	8	9	9	4	3	9
16	6	8	13	12	11	8	8	10	12	12	11	11	8	10	10	9	9	12	13	15	19	17	15	13	11
17	8	7	7	7	9	10	8	6	6	8	11	11	10	6	5	5	5	5	4	3	3	3	1	3	6
18	3	3	3	3	3	3	4	8	13	9	-	-	6	6	6	6	6	7	7	7	7	10	8	7	6
19	5	4	3	2	2	3	5	6	8	-	6	7	-	7	7	7	7	6	4	5	6	7	10	11	6
20	10	8	6	6	7	6	6	6	7	8	9	9	9	10	10	11	9	8	8	6	6	5	5	6	8
21	7	8	9	9	7	6	5	4	5	5	4	4	3	4	6	4	5	5	3	5	4	2	2	3	5
22	3	2	3	2	2	-	3	5	7	5	4	-	4	5	3	5	6	-	8	5	6	5	3	3	4
23	5	6	4	3	2	3	3	4	5	-	3	3	4	4	5	5	7	8	9	10	6	8	9	9	5
24	9	6	5	4	3	3	3	3	4	-	-	5	6	6	8	11	14	20	17	14	11	8	4	3	8
25	3	2	2	2	2	2	2	3	-	4	4	3	4	4	4	4	6	4	3	3	3	3	3	4	3
26	3	2	2	2	2	2	4	6	7	6	7	7	7	8	8	6	8	11	10	7	5	3	4	6	6
27	6	7	8	8	7	6	7	11	13	11	10	8	6	4	3	3	6	7	5	6	6	6	7	5	7
28	3	3	3	3	2	2	2	2	2	3	2	3	4	4	3	3	3	3	3	3	3	2	2	1	3
29	2	2	2	1	0	1	2	3	3	-	3	3	2	3	3	4	6	4	5	4	4	4	3	3	3
30	3	2	2	1	2	2	3	4	5	3	4	3	3	3	3	3	5	-	3	3	3	3	3	3	3
31	3	3	3	3	3	3	5	8	9	10	10	7	5	6	5	4	6	5	5	3	4	3	3	3	5
MEAN	7	6	6	6	5	5	6	7	9	8	8	7	6	6	6	6	7	7	7	6	6	6	6	6	6.5

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	3	3	5	4	4	3	3	2	2	-	3	3	5	5	5	5	6	6	3
2	6	5	4	4	4	7	11	16	21	20	20	-	10	6	7	9	7	6	7	8	8	10	11	14	10
3	13	17	16	12	8	6	6	7	8	8	6	5	5	3	3	4	4	4	6	4	4	5	6	10	7
4	8	7	6	4	4	4	5	4	4	5	4	3	3	3	3	3	3	3	3	3	3	3	3	3	4
5	3	3	3	3	3	3	6	7	11	6	4	4	4	4	3	-	-	5	6	5	9	6	7	8	5
6	9	7	4	5	5	6	8	9	9	7	5	3	3	4	5	4	5	6	7	7	5	6	5	4	6
7	5	5	5	5	5	6	8	13	18	9	10	18	18	12	10	10	8	6	4	4	3	3	3	3	8
8	4	4	4	4	6	7	8	10	11	5	3	3	3	4	3	4	4	5	5	5	3	4	3	3	5
9	4	3	3	3	3	4	5	7	-	17	18	15	11	7	6	6	6	6	8	10	9	8	7	5	7
10	5	6	6	7	8	9	8	7	4	3	3	2	3	3	3	4	3	4	4	6	5	3	4	3	5
11	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2
12	3	3	3	3	3	3	3	3	4	4	6	4	5	5	5	4	4	4	4	4	3	3	4	2	4
13	3	4	3	3	3	3	5	5	6	6	7	6	4	4	7	5	4	4	-	4	4	5	4	5	5
14	4	4	3	3	3	2	3	3	2	3	3	3	3	3	3	4	5	4	4	3	3	3	3	3	3
15	3	5	3	4	5	3	3	3	4	3	3	3	3	3	3	3	3	3	-	3	3	3	3	4	3
16	3	3	3	3	3	3	4	7	9	7	5	-	-	4	3	4	5	5	4	3	3	-	3	3	4
17	3	3	3	4	4	4	4	2	2	2	3	2	3	3	3	4	4	4	4	5	4	3	4	4	3
18	4	4	4	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	4	-	4	3	-	3
19	4	4	4	4	5	9	14	23	27	23	18	13	11	12	9	6	5	6	9	6	7	8	7	7	10
20	7	6	6	5	5	6	8	11	9	9	9	9	9	8	-	-	-	8	7	8	7	7	7	7	8
21	8	6	6	6	5	5	4	4	3	1	-	-	9	8	7	8	9	10	7	5	5	5	4	4	6
22	3	3	3	5	5	6	8	8	9	8	11	7	5	5	5	5	6	6	6	4	4	4	4	4	6
23	3	3	3	2	3	5	6	9	9	7	6	8	-	-	10	12	12	13	14	13	14	11	9	5	8
24	7	9	7	6	4	5	5	6	6	5	3	4	4	4	4	4	4	4	4	4	4	2	3	4	5
25	2	3	2	2	2	2	2	2	2	2	2	2	4	4	4	4	4	4	3	2	2	2	2	2	3
26	1	1	1	1	3	4	5	7	9	8	6	9	8	7	7	7	8	-	7	6	5	5	5	5	5
27	5	5	4	4	4	5	6	11	13	14	16	14	10	8	9	10	12	11	10	15	21	30	64	64	15
28	74	64	48	32	20	19	18	21	31	40	16	9	5	4	5	6	7	7	8	6	7	6	6	7	19
MEAN	7	7	6	5	5	5	6	8	9	8	7	6	6	5	5	5	5	5	6	6	6	6	7	7	6.2

PERCENTAGE OF DATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	5	6	5	6	7	10	13	11	12	14	16	19	20	25	-	15	10	10	9	7	7	7	11
2	7	5	7	5	5	6	8	11	12	8	9	7	7	5	6	7	8	-	-	8	9	7	6	6	7
3	8	9	5	5	6	7	7	9	10	9	9	8	5	5	5	6	6	6	6	5	4	3	2	3	6
4	2	2	2	2	1	1	1	1	1	2	1	1	2	3	3	2	3	4	5	6	5	6	5	6	3
5	4	4	4	4	5	4	4	6	4	4	4	4	5	5	4	5	5	5	5	5	5	5	5	4	5
6	3	4	3	2	2	2	4	5	6	8	5	5	6	5	6	6	6	7	9	9	7	12	11	13	6
7	-	-	7	7	7	7	10	12	18	11	8	6	7	11	10	9	7	12	10	8	7	6	7	5	9
8	4	3	3	4	4	6	7	9	-	7	5	4	4	5	5	3	4	6	6	8	7	8	9	6	6
9	6	5	5	5	4	6	6	8	12	8	7	6	5	5	8	8	7	5	4	5	9	7	8	8	7
10	8	6	4	4	4	4	5	5	6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4
11	3	3	3	3	3	3	4	4	5	4	4	4	4	4	4	4	5	5	5	5	5	4	5	5	4
12	5	3	2	1	2	3	5	8	10	5	5	5	5	-	7	6	6	6	6	6	6	6	-	7	5
13	5	5	4	3	2	3	4	4	4	4	5	5	5	6	4	4	4	4	4	6	6	5	4	4	4
14	5	4	3	3	3	3	4	4	5	4	4	4	4	4	4	4	4	4	4	3	2	2	2	2	4
15	2	1	2	1	1	2	3	4	5	4	4	4	-	4	4	4	5	4	5	5	5	5	5	5	4
16	5	5	8	8	9	-	12	11	13	11	9	6	5	4	5	5	5	6	8	9	10	10	11	13	8
17	12	12	12	10	8	9	10	17	12	9	6	5	6	4	3	3	4	5	7	8	8	7	7	8	8
18	7	6	5	3	3	4	5	5	7	5	5	5	6	5	5	6	2	2	2	4	4	5	7	7	5
19	4	4	3	3	2	2	2	4	4	4	5	5	4	4	7	8	8	8	5	5	5	5	5	4	5
20	5	5	4	4	3	4	4	6	7	-	-	6	6	6	7	8	10	-	-	15	14	-	9	9	7
21	15	15	9	7	9	6	6	7	9	8	9	6	6	7	6	8	6	5	5	6	6	12	12	7	8
22	9	10	10	7	5	6	11	17	11	7	6	7	6	7	6	7	9	8	9	10	4	3	3	2	8
23	2	3	4	5	4	4	7	5	5	-	3	4	4	3	3	4	5	3	2	2	2	2	1	2	3
24	2	2	2	2	2	2	4	3	4	3	3	3	4	4	4	4	3	5	4	3	3	4	3	5	3
25	5	5	5	6	5	4	3	5	5	5	3	3	3	3	5	6	5	6	5	4	4	3	4	3	4
26	3	2	2	2	2	2	3	3	4	3	4	4	4	4	4	4	5	5	4	4	4	4	4	3	3
27	2	2	2	2	2	4	5	7	8	-	5	4	4	4	4	4	5	5	5	5	5	6	6	7	4
28	6	5	4	3	3	4	4	5	4	4	4	4	4	4	5	6	6	6	4	4	4	4	4	5	4
29	5	7	5	6	-	6	6	8	10	11	6	6	9	11	8	10	11	6	8	16	4	4	5	4	7
30	4	6	5	5	3	2	3	4	-	5	-	-	-	-	3	4	5	6	7	6	5	6	5	4	5
31	7	9	7	5	3	3	3	4	4	4	4	4	5	5	6	5	5	4	4	4	5	5	4	4	5
MEAN	5	5	5	4	4	4	5	7	8	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	5.5

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	3	2	2	3	3	3	3	3	4	4	3	4	4	4	4	4	4	3	4	4	3
2	4	4	4	4	3	3	4	5	10	11	8	6	-	-	4	4	4	6	6	5	4	3	4	3	5
3	3	3	4	3	2	3	6	9	9	-	5	4	4	4	4	4	4	4	4	3	3	3	4	5	4
4	4	4	3	3	3	3	4	4	5	4	6	5	5	5	5	9	-	8	6	6	7	5	5	5	5
5	5	5	4	4	4	-	5	7	-	-	-	5	4	4	5	4	4	4	4	5	5	4	2	2	4
6	2	2	2	1	1	2	3	3	3	3	-	3	3	3	4	4	-	3	4	4	4	5	5	5	3
7	5	5	5	4	4	4	5	4	4	4	4	4	4	4	4	5	5	4	5	6	5	5	5	5	5
8	5	3	3	2	1	2	2	3	2	2	3	3	3	4	3	3	3	3	3	3	3	4	3	4	3
9	4	3	3	3	3	4	4	6	7	5	4	5	5	5	5	5	5	5	5	5	5	5	8	10	5
10	13	10	9	9	10	11	10	15	12	9	10	9	8	6	5	4	4	4	4	5	5	7	6	5	8
11	6	5	5	3	3	3	3	4	4	3	4	5	5	-	4	4	5	5	5	3	4	5	5	5	4
12	4	3	3	3	3	3	3	4	5	5	6	8	9	9	9	7	5	5	5	5	5	5	5	6	5
13	5	5	4	4	4	4	6	8	4	8	16	12	9	8	7	9	10	11	9	8	6	4	4	4	7
14	3	4	5	9	8	6	8	8	6	4	4	4	4	4	3	3	4	4	4	3	3	4	4	4	5
15	2	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	4	5	4	4	3	3
16	3	3	2	2	2	3	3	4	5	5	4	6	6	6	5	5	5	-	5	6	-	6	5	6	4
17	8	15	21	16	15	6	12	14	9	8	4	4	4	-	-	4	5	5	5	7	5	8	6	8	9
18	8	13	33	31	22	15	15	11	13	9	6	-	-	-	3	4	4	5	-	-	6	6	7	9	12
19	13	10	7	7	6	7	18	15	19	10	8	6	6	6	4	3	4	4	4	6	7	10	12	12	9
20	10	10	15	22	14	11	16	17	8	4	4	3	-	2	3	5	5	4	3	5	6	5	5	6	8
21	6	9	10	6	8	11	7	10	10	7	6	8	8	8	11	13	10	8	9	12	12	14	18	10	10
22	7	6	4	3	1	1	3	3	2	3	4	4	5	6	6	8	7	4	4	4	5	4	6	5	4
23	7	5	7	7	5	5	8	10	9	13	14	6	3	3	2	2	2	2	2	5	9	5	5	5	6
24	5	4	4	5	6	8	12	9	11	-	-	-	-	7	6	6	6	5	5	5	5	5	5	5	6
25	5	6	6	5	5	-	8	10	11	8	12	10	9	7	6	8	7	5	5	8	8	7	7	7	7
26	6	5	5	5	5	5	5	5	5	7	5	5	5	5	5	6	8	8	8	9	7	6	6	6	6
27	6	5	4	4	4	4	3	4	5	-	7	9	8	8	10	9	8	9	10	8	6	6	6	6	6
28	6	5	5	4	3	3	3	3	3	5	5	5	5	5	6	5	5	5	6	6	6	4	4	5	5
29	5	7	8	7	6	5	5	5	4	3	5	5	5	4	4	4	4	4	4	4	4	3	3	4	5
30	2	3	4	4	4	4	4	6	7	5	6	-	9	8	8	8	7	6	6	6	5	5	5	4	5
MEAN	6	6	7	6	5	5	6	7	7	6	6	6	6	5	5	5	5	5	5	6	6	5	6	6	5.7

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	5	6	8	10	10	9	8	7	7	8	8	6	6	6	6	5	5	5	5	6
2	4	4	4	4	4	4	5	6	6	6	5	5	3	6	6	6	6	5	4	5	5	4	5	5	5
3	5	5	5	4	4	4	4	4	5	6	6	6	6	-	7	8	8	6	6	5	5	6	5	5	5
4	5	4	5	4	5	5	6	6	7	9	10	10	10	10	11	11	-	8	8	8	8	9	10	11	8
5	10	8	7	6	6	6	6	6	6	5	5	5	4	4	4	4	4	4	4	4	4	4	3	3	5
6	2	3	4	4	5	5	4	4	4	5	5	4	5	5	5	5	4	4	5	5	5	5	4	4	4
7	4	4	4	-	4	4	6	8	6	6	6	5	5	5	5	5	5	3	3	4	5	5	4	5	5
8	5	5	4	4	4	4	5	6	7	6	6	5	5	4	4	4	4	3	2	4	4	4	4	4	4
9	4	5	5	5	7	10	10	8	8	7	5	4	3	4	5	4	5	5	5	6	5	5	6	6	6
10	6	6	5	5	5	9	9	11	7	7	6	5	3	4	3	6	5	3	4	4	4	6	5	5	6
11	4	6	6	4	5	5	8	11	11	7	6	4	4	5	7	7	5	5	5	6	6	6	6	5	6
12	3	4	4	3	3	4	4	6	6	6	6	7	6	5	6	7	5	5	7	7	6	6	9	6	5
13	7	6	6	4	4	5	5	5	5	5	4	5	5	4	3	3	3	3	3	3	4	5	5	6	5
14	6	5	5	4	5	5	5	6	7	8	-	4	4	6	5	5	6	5	5	6	6	8	10	9	6
15	9	4	4	6	6	8	11	12	10	8	-	5	5	4	5	5	6	5	4	4	5	5	5	5	6
16	3	3	3	5	9	19	26	16	9	5	5	4	3	3	5	5	5	3	3	3	6	7	5	5	7
17	-	2	5	-	5	12	12	6	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	3	4
18	2	2	3	4	4	8	10	9	-	-	6	7	4	4	3	3	3	3	2	4	4	4	4	4	4
19	4	3	4	4	5	7	7	4	2	-	3	2	1	1	1	1	1	1	2	3	4	5	9	16	4
20	11	4	3	1	1	2	1	1	2	3	3	3	3	3	4	2	1	2	3	5	10	9	6	3	4
21	-	5	3	1	-	3	4	4	3	3	3	3	2	2	2	2	1	1	3	6	5	2	3	4	3
22	3	3	1	1	5	7	4	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	-	2
23	3	2	1	1	1	2	2	3	4	5	4	5	3	3	3	4	4	3	5	4	3	2	2	2	3
24	2	1	1	1	2	3	5	5	5	5	5	5	4	6	6	7	7	5	5	3	3	2	2	1	4
25	1	1	1	1	-	-	6	8	6	4	-	6	6	5	4	-	4	4	4	3	3	2	3	3	4
26	2	2	2	1	1	2	3	3	4	4	5	6	6	4	5	7	8	6	7	8	15	17	11	8	6
27	9	7	6	9	5	4	7	8	7	5	4	4	3	3	2	4	3	3	4	7	10	17	23	18	7
28	10	9	5	6	-	7	4	7	6	5	-	3	3	4	5	8	7	5	4	6	6	12	14	15	7
29	14	11	13	13	10	12	17	19	13	6	5	5	5	5	6	6	6	5	6	7	8	6	4	6	9
30	5	3	3	3	3	8	13	10	6	4	6	5	5	7	7	7	7	6	5	6	6	4	3	3	6
31	3	3	3	2	2	3	3	5	5	5	6	-	6	4	4	4	3	5	3	3	3	4	3	3	4
MEAN	5	4	4	4	4	6	7	7	6	5	5	5	4	4	5	5	5	4	4	5	5	6	6	6	5.1

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	3	3	5	11	14	16	24	23	14	8	8	7	4	3	5	5	4	4	4	5	4	8
2	5	5	5	4	6	7	7	8	8	6	4	6	8	6	4	2	3	2	3	2	3	4	6	7	5
3	10	10	9	6	4	3	5	8	8	6	3	3	2	1	2	2	1	2	3	4	12	20	12	12	6
4	13	11	14	11	9	10	12	13	11	13	6	3	4	3	3	3	3	3	4	6	6	8	12	10	8
5	10	5	6	6	4	9	13	21	13	5	5	-	4	-	3	4	3	3	3	3	3	3	4	7	6
6	4	4	4	3	2	3	3	6	5	4	4	3	3	4	4	4	5	2	2	2	2	3	3	3	3
7	3	2	2	2	4	5	6	6	6	4	4	2	2	2	2	3	2	2	2	2	4	2	2	2	3
8	2	3	4	6	5	6	4	5	5	6	7	-	5	5	4	4	3	4	4	4	4	5	5	4	5
9	3	3	3	4	4	5	3	4	4	3	4	3	3	4	3	3	2	2	2	3	3	3	2	3	3
10	3	4	3	3	2	2	2	2	2	2	2	2	2	2	3	4	3	2	2	2	2	2	1	1	2
11	1	1	1	1	1	3	6	7	4	4	3	3	4	4	3	4	5	-	-	4	4	5	5	7	4
12	9	10	14	17	23	30	30	23	13	8	3	3	2	2	3	3	3	3	-	3	6	10	11	9	10
13	5	5	5	5	5	10	11	19	11	3	2	2	2	2	2	2	1	2	2	2	3	3	3	2	5
14	2	1	2	2	-	4	4	4	2	-	4	-	3	3	3	3	3	3	3	5	5	5	5	4	3
15	4	4	4	3	4	4	4	5	5	6	-	-	3	3	3	3	3	3	3	4	4	4	7	6	4
16	6	6	5	5	5	4	6	6	5	4	4	3	2	1	1	3	3	2	2	3	2	3	4	4	4
17	4	4	6	4	3	2	3	3	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	1	3
18	1	1	1	1	1	2	3	3	3	3	-	3	3	3	3	3	3	2	2	2	2	3	4	5	2
19	6	6	5	5	5	8	13	11	6	7	5	2	2	1	2	2	2	1	2	2	3	3	2	2	4
20	1	1	1	2	2	3	5	5	3	2	2	2	2	2	4	6	6	3	2	2	3	2	2	2	3
21	1	1	1	2	1	2	3	3	2	4	4	4	3	4	4	4	3	4	4	5	4	8	9	13	4
22	17	14	11	12	9	9	9	9	5	3	-	4	3	3	3	4	-	3	3	3	4	3	4	4	6
23	4	3	2	2	1	1	2	2	3	3	3	3	4	4	3	4	4	4	3	3	3	2	2	1	3
24	2	1	-	2	2	2	2	-	2	2	1	1	1	2	2	1	1	2	2	4	4	2	4	4	2
25	2	2	2	2	2	5	12	10	10	4	2	2	2	2	2	2	-	2	1	2	4	4	9	13	4
26	8	6	4	5	3	3	7	7	4	4	6	3	4	3	2	2	2	2	2	1	2	4	2	1	4
27	2	3	3	5	6	5	6	7	-	-	6	5	4	4	3	4	4	3	6	6	6	6	10	7	5
28	5	4	5	6	6	4	4	6	-	-	5	4	5	5	6	4	3	3	3	3	5	5	4	3	4
29	3	3	2	2	3	3	4	7	8	5	5	6	5	5	6	5	4	5	3	5	6	6	8	-	5
30	10	4	1	1	1	1	1	2	1	2	4	4	3	2	2	-	3	6	5	5	6	5	6	7	4
MEAN	5	4	4	4	4	5	7	8	6	5	5	4	3	3	3	3	3	3	3	3	4	5	5	5	4.4

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	1	2	2	2	2	2	4	3	4	5	5	5	4	5	6	4	3	3	3	3	3
2	1	1	1	1	1	3	4	5	5	5	6	4	5	5	5	4	4	4	4	6	10	22	26	34	7
3	26	14	8	8	13	15	18	19	12	9	-	7	9	9	9	9	8	6	4	5	6	6	6	5	10
4	2	2	2	1	1	1	2	4	2	2	3	3	2	2	2	2	2	2	2	3	3	5	6	4	3
5	3	2	2	1	2	4	8	8	5	3	2	-	2	2	2	2	3	2	2	3	6	7	12	9	4
6	10	8	11	12	12	15	17	14	3	5	6	7	4	3	3	3	3	3	2	3	4	7	8	10	7
7	12	16	17	14	12	12	17	18	10	8	4	4	2	2	2	1	1	1	1	2	2	3	3	4	7
8	6	7	7	11	10	6	6	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	3
9	1	1	1	1	1	2	3	5	6	4	3	3	-	3	5	8	3	6	7	7	8	6	7	5	4
10	4	3	2	2	2	4	4	7	7	6	5	-	4	3	4	3	3	3	3	3	4	4	5	5	4
11	5	5	5	7	8	8	9	8	7	4	4	4	3	2	7	8	7	11	15	12	10	-	16	15	8
12	12	9	4	13	12	14	26	24	35	16	5	6	6	3	2	2	2	2	2	3	4	4	5	6	9
13	5	4	3	2	2	3	5	5	4	4	-	3	2	2	3	3	3	4	3	3	6	10	17	17	5
14	19	19	18	19	18	17	15	14	10	6	3	4	3	2	2	2	2	2	3	3	3	6	12	13	9
15	12	8	6	4	4	4	5	3	2	3	3	3	3	3	2	2	2	2	3	3	5	9	10	10	5
16	5	5	3	4	4	7	12	11	11	6	-	-	3	3	3	3	3	3	2	2	2	2	2	-	5
17	2	2	1	1	2	3	6	8	5	4	4	4	2	2	2	2	3	2	2	3	4	5	5	4	3
18	4	4	4	4	5	7	10	11	5	-	1	2	2	2	2	3	2	1	1	2	3	5	5	3	4
19	4	4	5	5	9	14	20	12	8	5	4	3	3	3	2	2	2	2	2	2	3	3	4	3	5
20	2	3	2	4	10	15	19	18	15	11	4	1	1	2	2	1	1	1	2	2	3	5	4	4	6
21	-	5	4	12	16	17	19	15	9	5	3	3	1	1	1	1	2	1	1	2	3	3	3	3	6
22	3	2	3	2	5	6	-	4	2	4	2	2	-	2	2	1	1	3	1	1	2	2	3	3	3
23	-	2	3	2	2	3	2	3	3	3	3	4	2	1	1	2	2	1	1	1	2	1	1	2	2
24	1	1	4	4	2	2	3	4	4	4	3	1	1	2	2	2	2	2	2	1	1	1	1	2	2
25	1	0	1	1	1	1	1	2	3	3	3	3	3	3	4	3	3	3	2	3	3	3	6	3	2
26	2	1	1	1	2	5	6	-	-	5	4	4	5	5	4	-	4	3	2	2	2	3	3	4	3
27	3	2	2	2	2	3	5	4	2	2	2	2	1	-	1	2	2	3	3	2	3	2	2	2	2
28	2	2	2	2	2	3	5	4	7	4	3	3	3	3	3	3	3	3	3	4	3	3	3	2	3
29	3	-	2	2	3	4	5	4	2	2	1	1	1	1	1	1	1	1	1	2	3	6	7	4	3
30	3	4	1	1	2	2	5	4	2	1	1	1	1	1	1	2	2	1	1	1	2	2	2	1	2
31	1	2	2	1	2	2	4	5	4	4	5	6	6	7	6	4	3	3	3	3	3	2	2	2	3
MEAN	5	5	4	5	5	7	9	8	6	5	3	3	3	3	3	3	3	3	3	3	4	5	6	6	4.6

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	6	7	5	4	4	4	5	4	4	3	3	3	3	5	3	3	3	-	3
2	1	1	1	2	1	2	4	4	4	4	3	3	3	3	3	3	3	3	3	3	6	8	9	10	4
3	10	9	7	8	8	8	9	13	11	1	2	2	2	2	2	2	2	2	2	4	4	4	4	3	5
4	4	5	6	5	6	7	8	8	5	5	5	3	3	2	1	1	2	2	3	8	5	4	4	3	4
5	3	3	3	3	3	3	4	4	5	2	2	4	2	2	3	2	3	2	2	2	3	4	4	4	3
6	4	3	1	1	1	1	3	3	6	5	3	2	1	1	0	1	1	1	1	2	2	1	2	7	2
7	4	5	5	2	3	2	3	3	3	-	3	4	-	3	2	2	2	2	2	2	2	3	3	3	3
8	2	2	3	4	4	8	10	10	3	2	3	4	2	3	4	4	3	-	3	3	3	3	2	2	4
9	3	4	5	1	1	1	3	5	5	4	5	5	3	-	1	1	1	2	2	2	3	3	2	3	3
10	3	8	7	7	4	3	3	3	2	2	3	3	2	2	2	3	3	2	2	3	3	1	1	1	3
11	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	5	1
12	4	4	3	2	2	2	1	3	1	1	1	1	0	1	1	1	1	1	1	1	3	4	7	8	2
13	6	6	8	5	5	6	12	8	6	5	2	2	2	2	3	3	5	2	2	2	2	5	3	2	4
14	2	2	3	3	2	3	5	6	4	3	3	2	3	3	3	2	2	2	-	2	2	2	2	1	3
15	1	1	0	0	0	1	4	5	3	3	3	2	2	2	2	2	2	1	2	2	2	3	4	5	2
16	7	3	9	12	13	21	22	13	8	7	5	3	3	5	3	2	2	3	3	4	8	10	8	4	7
17	4	3	3	7	10	12	16	-	6	5	7	5	5	4	5	5	7	4	3	2	3	-	2	2	5
18	1	1	2	2	2	6	6	5	6	6	9	8	7	7	7	7	4	4	6	7	9	9	11	10	6
19	8	3	2	3	2	2	2	3	2	2	2	1	5	2	2	2	1	3	3	4	5	4	2	1	3
20	6	2	2	2	2	2	4	4	6	5	2	2	2	3	3	5	4	4	4	3	3	4	4	4	3
21	3	3	3	3	3	5	5	5	4	5	4	2	2	2	2	2	2	2	2	5	8	8	5	7	4
22	4	3	3	3	3	2	4	5	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	4	3
23	5	3	2	3	2	3	3	5	2	2	2	3	2	2	2	6	5	5	2	2	3	2	3	2	3
24	2	2	2	2	2	2	2	4	5	3	3	2	2	2	2	3	3	2	3	3	2	3	4	8	3
25	10	9	10	5	3	5	7	10	8	8	6	4	2	2	3	5	3	4	4	7	13	14	3	2	6
26	2	2	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	2	2	2	1
27	2	2	5	3	5	11	16	14	9	9	6	3	1	1	1	1	1	1	2	2	2	2	2	2	4
28	2	4	6	4	7	11	13	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29	- DATA UNAVAILABLE -																								
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	5	5	5	4	6	******
31	-	-	-	-	-	-	-	-	-	3	3	3	3	1	3	3	2	2	3	4	3	3	3	4	******
MEAN	4	3	4	3	3	5	6	6	5	4	3	3	3	2	3	3	3	2	3	3	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 90.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 9.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	4	3	3	3	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******	
2												- DATA UNAVAILABLE -														
3												- DATA UNAVAILABLE -														
4	-	-	-	-	-	-	-	-	4	3	3	3	4	3	3	3	3	2	3	4	3	4	3	4	3	
5	3	4	4	4	5	5	5	-	4	6	3	4	4	3	4	4	4	3	3	3	4	6	6	6	4	
6	15	19	23	22	22	14	10	12	11	8	6	5	4	4	4	4	4	4	4	6	7	6	7	7	10	
7	8	3	3	2	2	4	6	8	6	5	5	5	5	4	5	6	6	4	4	4	4	2	3	4	5	
8	4	4	3	3	3	4	6	6	5	4	3	3	3	3	3	3	3	3	3	5	5	6	6	8	4	
9	7	17	8	10	5	5	5	5	5	3	5	3	2	-	3	3	3	3	2	4	7	6	4	4	5	
10	4	3	2	3	4	3	3	4	4	3	5	3	6	5	4	4	5	6	5	4	3	2	3	2	4	
11	2	3	2	2	2	3	4	4	4	4	4	4	4	5	5	-	4	2	3	3	3	5	4	5	4	
12	5	3	3	3	3	6	15	17	10	3	3	3	3	2	2	2	4	3	3	4	3	3	3	3	5	
13	3	3	3	2	2	3	3	3	3	4	6	6	6	6	4	-	4	7	9	10	6	8	6	3	5	
14	1	1	1	1	1	1	3	5	4	4	4	-	4	3	3	4	4	4	4	5	7	8	6	4	4	
15	6	6	4	5	4	6	8	7	7	4	3	3	2	2	2	2	2	2	3	8	8	6	7	6	5	
16	6	8	10	7	4	4	5	8	8	5	9	4	2	1	2	2	2	2	2	4	3	3	4	5	5	
17	5	6	7	6	4	5	-	-	9	7	6	5	2	2	3	2	2	2	3	4	4	4	5	4	4	
18	4	4	5	4	4	5	6	8	6	5	4	3	5	2	3	3	3	3	3	-	3	2	2	-	4	
19	1	1	1	1	3	6	4	4	3	2	2	2	2	2	3	3	3	-	3	3	5	6	4	2	3	
20	4	2	2	6	3	7	10	17	10	5	6	4	2	2	2	2	2	3	4	6	8	7	7	6	5	
21	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	******	
22	-	-	-	-	-	-	-	-	-	-	3	2	2	3	3	3	3	3	3	5	5	4	4	6	******	
23	9	8	8	5	4	3	3	3	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	******	
24	-	-	-	-	-	-	14	25	22	-	2	3	2	2	1	3	4	4	5	7	5	3	3	4	6	
25	5	5	6	8	6	9	17	31	26	19	9	7	5	4	4	5	3	3	6	6	6	6	6	6	9	
26	4	5	5	6	8	8	9	15	16	15	14	13	10	6	5	3	3	3	7	8	8	10	13	19	9	
27	22	22	22	21	15	18	33	43	16	5	3	2	2	2	2	2	2	2	4	5	5	4	4	4	11	
28	4	3	3	2	3	2	2	5	4	2	4	4	-	2	2	2	3	2	4	7	11	12	10	10	4	
29	12	13	12	6	6	11	12	12	9	6	5	9	9	2	2	2	1	2	3	3	2	3	5	6	6	
30	5	4	3	3	2	2	4	5	5	6	5	8	7	4	3	2	3	3	4	5	6	5	5	6	4	
MEAN	6	6	6	6	5	6	8	11	8	5	5	4	4	3	3	3	3	3	4	5	5	5	5	6	5.2	

PERCENTAGE OF DATA VALID - 81.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 19.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	5	3	2	3	4	4	8	11	11	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******	
2												- DATA UNAVAILABLE -														
3	-	-	-	-	-	-	-	-	-	5	4	5	3	4	4	4	5	5	4	4	3	3	6	4	******	
4	4	4	4	4	2	4	6	9	7	6	4	4	6	5	5	7	8	7	7	7	10	13	14	13	7	
5	14	11	8	6	7	10	17	23	18	15	9	6	6	5	5	5	5	5	4	4	4	6	9	6	9	
8	5	4	3	2	3	4	5	5	5	5	5	6	7	9	9	5	4	4	5	5	5	4	3	3	5	
7	3	2	3	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	5	4	4	4	2	
8	4	-	4	4	5	4	7	-	6	7	5	2	2	2	2	4	7	9	7	7	8	7	6	6	5	
9	8	11	3	1	2	2	4	5	-	4	-	-	5	4	4	5	5	5	6	6	6	5	6	5	5	
10	4	5	-	7	10	-	20	43	31	19	7	5	3	3	4	5	5	6	8	9	10	13	12	13	11	
11	15	10	8	7	5	5	8	12	12	7	6	2	2	4	-	-	3	2	3	2	4	3	5	6	6	
12	5	4	4	4	4	4	5	7	9	-	9	8	6	6	7	12	8	4	3	3	3	3	4	5	6	
13	6	5	5	3	3	1	1	2	3	3	3	3	3	2	3	3	3	4	5	5	5	4	3	3	3	
14	3	2	3	6	5	5	4	4	4	3	2	2	2	2	3	3	3	4	5	6	7	6	8	6	4	
15	7	6	7	6	5	5	5	-	7	6	9	8	6	5	4	5	5	6	4	8	9	11	11	14	7	
16	14	10	11	11	-	19	29	34	27	10	6	-	6	7	7	6	7	6	4	4	4	4	4	4	11	
17	3	5	4	4	4	4	5	-	-	6	7	8	10	10	10	13	12	13	12	9	9	8	5	4	8	
18	4	1	2	2	2	2	4	4	3	5	5	5	4	5	6	6	3	3	3	3	3	3	3	3	4	
19	3	3	3	4	5	6	3	3	-	3	3	3	1	1	4	-	-	6	7	5	3	4	4	5	4	
20	4	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	
21	3	3	2	2	1	2	2	2	2	2	1	2	4	2	2	3	4	5	4	4	4	3	2	1	3	
22	1	2	2	2	2	3	3	3	3	3	4	4	2	1	1	2	2	3	2	1	1	3	2	1	2	
23	1	1	1	3	4	5	4	3	2	-	-	-	-	-	-	-	6	4	4	5	4	5	3	2	3	
24	1	1	1	1	1	2	3	4	3	3	3	3	3	3	4	5	5	4	4	2	2	-	2	2	3	
25	1	1	1	1	1	2	4	4	4	4	4	4	4	6	6	7	7	4	5	4	3	2	4	4	4	
26	5	5	6	2	1	2	4	4	6	4	4	4	4	-	4	6	6	6	11	14	17	19	18	17	7	
27	15	11	8	9	13	11	6	4	4	-	3	3	2	2	3	2	2	4	5	3	2	2	5	8	6	
28	7	4	2	1	1	-	-	1	1	1	2	3	3	3	3	4	6	6	6	4	4	3	3	7	3	
29	11	10	9	8	8	9	12	19	16	11	8	7	6	5	5	5	7	14	10	8	8	9	11	7	9	
30	6	4	4	2	2	2	2	3	4	2	4	3	5	4	4	4	4	3	3	3	3	3	3	2	3	
31	3	3	3	2	2	3	5	7	7	4	2	2	2	2	2	3	4	4	3	2	2	2	2	1	3	
MEAN	6	5	4	4	4	5	6	8	8	5	5	4	4	4	4	5	5	5	5	5	5	5	6	5	5.1	

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	1	1	1	2	3	-	-	3	5	5	5	-	-	11	8	8	6	6	8	6	4
2	5	5	6	5	8	7	8	10	12	10	7	6	6	6	6	7	8	8	10	11	14	13	11	12	8
3	14	16	17	17	10	9	9	11	10	12	13	11	9	8	7	7	7	7	8	7	8	8	7	-	10
4	6	6	6	6	4	5	-	6	5	5	5	5	7	8	9	8	7	8	11	12	10	11	11	11	7
5	13	15	10	6	6	7	7	14	17	8	5	6	7	7	6	9	9	10	8	8	8	8	8	7	9
6	8	7	7	7	8	10	8	9	11	9	6	7	8	9	7	10	11	14	10	7	4	5	4	4	8
7	4	3	3	3	2	3	4	4	6	6	6	6	5	6	6	6	6	6	6	5	5	7	6	7	5
8	8	6	6	6	5	-	-	5	-	6	9	10	9	9	9	8	8	7	7	8	9	11	13	12	8
9	9	12	10	10	10	11	13	10	-	5	6	7	9	9	7	7	10	11	11	-	11	12	11	7	9
10	8	6	3	3	3	2	2	4	5	6	7	7	8	8	9	-	10	10	10	8	10	7	9	8	7
11	7	5	-	3	1	1	2	2	2	2	2	2	-	3	3	3	4	4	5	8	9	8	6	10	4
12	8	7	8	-	5	8	10	14	14	7	5	3	3	4	6	7	4	6	9	9	13	15	18	19	9
13	13	10	8	7	6	6	10	15	-	27	15	15	9	7	6	6	7	7	6	7	4	5	5	3	9
14	3	2	2	2	2	4	5	9	17	12	8	4	4	4	4	4	5	5	5	6	5	6	5	7	5
15	7	3	2	3	3	3	3	4	5	5	4	5	6	7	6	9	9	10	7	5	4	3	3	2	5
16	3	1	1	0	0	0	1	5	5	7	11	10	5	5	4	4	6	6	7	8	6	5	5	6	5
17	6	6	6	6	7	6	6	7	8	7	8	8	7	6	6	7	8	8	12	15	11	10	8	9	8
18	10	10	6	6	5	5	5	6	5	6	8	8	6	5	6	6	7	10	10	10	9	6	6	11	7
19	11	9	11	10	6	6	7	13	13	8	-	-	7	4	4	4	5	5	4	4	3	3	4	4	7
20	5	7	6	7	8	8	9	12	15	15	10	9	7	7	7	7	11	20	13	10	7	4	4	2	9
21	2	2	2	1	1	1	1	2	4	4	5	5	7	8	8	9	12	-	19	24	22	8	5	5	7
22	4	6	4	3	3	3	3	3	4	4	4	5	4	3	3	1	4	4	3	2	2	2	2	2	3
23	1	1	1	2	3	2	3	3	4	6	6	7	7	8	8	10	11	12	9	8	7	7	6	6	6
24	5	4	5	4	4	3	5	6	7	7	6	3	3	3	4	4	4	6	9	11	12	-	7	5	6
25	8	8	8	5	4	4	4	4	5	6	5	3	4	4	4	4	3	4	4	4	4	3	4	5	5
26	4	3	2	2	1	1	1	2	2	0	0	0	0	0	1	6	3	5	5	6	7	6	6	5	3
27	6	5	3	4	3	4	5	6	5	3	3	6	4	4	5	5	9	13	8	4	7	4	4	4	5
28	4	4	4	2	2	2	4	4	5	4	4	4	3	4	4	4	4	5	5	4	2	3	3	3	4
29	3	3	2	3	3	3	4	4	6	5	5	5	5	5	-	-	-	-	6	7	7	6	5	4	5
30	4	4	2	2	2	2	3	4	5	5	5	4	5	6	6	7	8	7	6	8	9	9	9	10	6
MEAN	6	6	5	5	4	4	5	7	7	7	6	6	6	6	6	6	7	8	8	8	8	7	7	7	6.4

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	3	3	2	2	2	2	4	5	6	6	6	7	9	8	-	10	9	8	7	7	6	7	7	6
2	5	3	2	2	2	2	3	3	5	5	5	5	6	6	6	6	7	8	9	8	11	10	8	11	6
3	11	12	12	9	7	5	4	6	6	8	7	6	6	8	6	6	-	7	6	7	11	7	8	7	7
4	8	10	10	10	9	11	10	14	18	18	15	10	8	7	7	7	11	11	10	10	10	8	7	7	10
5	7	7	4	3	4	5	5	5	5	4	3	4	6	8	9	10	10	11	7	5	9	11	7	8	7
6	8	7	5	8	9	9	7	11	15	14	13	10	8	7	5	8	9	10	8	8	6	-	7	4	9
7	4	4	4	5	4	1	1	1	3	-	5	5	5	3	4	4	5	5	5	5	4	2	2	1	4
8	1	1	1	1	0	1	1	1	2	2	2	2	2	2	2	2	3	4	-	4	3	4	3	5	2
9	7	6	8	7	9	6	2	1	1	3	2	1	1	6	6	6	6	5	7	7	11	11	8	8	6
10	9	11	13	10	7	8	9	14	21	12	7	8	9	7	6	7	9	9	9	7	6	5	6	6	9
11	6	4	2	2	2	2	2	4	9	7	7	6	5	4	4	5	6	6	6	6	5	5	5	5	5
12	2	1	2	4	3	2	3	4	6	6	5	4	5	6	6	5	6	6	5	4	3	2	3	3	4
13	2	2	1	1	1	1	2	3	6	6	9	9	5	5	6	6	8	8	8	10	10	7	5	6	5
14	6	4	3	1	0	2	3	5	-	6	-	5	5	-	6	-	7	10	11	11	12	14	22	22	8
15	19	17	14	8	8	7	6	8	7	4	4	4	6	7	6	6	6	6	8	5	5	5	5	6	7
16	6	7	6	6	6	4	5	5	5	6	10	8	7	4	2	2	2	2	2	1	2	1	1	2	4
17	2	2	2	2	2	4	6	9	9	8	4	4	5	5	5	5	5	7	9	8	8	10	10	9	6
18	8	7	6	7	8	8	9	10	14	13	15	14	14	10	6	7	7	8	9	9	6	5	5	5	9
19	5	5	5	6	5	6	7	8	14	16	15	14	16	15	-	16	11	12	13	17	22	15	5	7	11
20	7	5	5	5	4	4	3	5	7	7	6	9	11	12	9	9	12	10	9	9	10	9	10	11	8
21	10	9	9	9	8	8	6	9	-	9	10	6	5	5	6	7	10	9	9	7	6	4	5	4	7
22	3	3	3	3	2	2	3	3	3	4	6	6	4	5	4	4	4	3	4	3	3	3	3	2	3
23	3	4	3	2	2	2	2	2	2	2	2	4	6	6	6	7	9	7	6	7	5	3	2	4	4
24	5	5	5	5	5	5	7	7	6	4	5	6	7	8	7	7	6	8	8	4	3	5	8	11	6
25	8	6	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
26	1	1	1	1	1	1	1	2	2	2	3	3	3	5	4	4	3	3	2	2	3	3	4	4	2
27	5	4	3	3	1	1	2	2	-	5	5	7	8	8	8	8	8	8	11	12	9	7	7	7	6
28	5	3	2	2	2	2	2	4	5	6	7	7	9	9	11	10	9	10	12	12	13	11	10	9	7
29	7	9	9	9	9	9	9	9	14	13	7	8	9	8	8	12	10	11	19	19	18	19	18	18	12
30	15	13	13	12	12	12	13	14	16	11	14	12	11	9	8	7	5	6	6	8	6	5	5	5	10
31	4	3	4	4	4	4	4	4	4	4	5	6	9	13	14	11	10	9	9	10	13	13	12	-	8
MEAN	6	6	5	5	5	4	5	6	8	7	7	6	7	7	6	7	7	7	8	8	8	7	7	7	6.4

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.5	15	35
FEB	28	6.2	19	74
MAR	31	5.5	11	25
APR	30	5.7	12	33
MAY	31	5.1	9	26
JUN	30	4.4	10	30
JUL	31	4.6	10	35
AUG	27	3.6	7	22
SEP	24	5.2	11	43
OCT	28	5.1	11	43
NOV	30	6.4	10	27
DEC	31	6.4	12	22
YEAR	352	5.4	19	74

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	324	299	88	1	3	0	0	715
FEB	414	176	47	7	3	1	4	652
MAR	450	227	43	1	0	0	0	721
APR	448	197	42	3	2	0	0	692
MAY	486	205	31	2	0	0	0	724
JUN	549	106	35	7	0	0	0	697
JUL	563	93	62	5	2	0	0	725
AUG	565	86	17	2	0	0	0	670
SEP	414	126	30	10	2	1	0	583
OCT	470	143	48	3	2	1	0	667
NOV	310	311	72	3	0	0	0	696
DEC	328	309	90	4	0	0	0	731
YEAR	5321	2278	605	48	14	3	4	8273

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94.4	0	1.4	2.7	3.9	5.6	9.4	11.8	16.1	19.0	74	5.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
2	****	****	****	****	****	****	****	****	****	****	2	1	2	1	1	****	1	2	1	1	****	****	****	0	******
3	****	****	****	****	****	****	****	****	****	****		1	1	1	1	1	0	0	0	0	0	0	0	0	******
4													- DATA INVALID -												
5	****	****	****	****	****	****	****	****	****	****	****	****	-	-	3	3	4	6	6	7	8	9	-	4	******
6	4	5	5	5	5	5	5	4	5	5	5	5	4	5	4	4	5	7	5	7	6	7	6	5	5
7	5	4	4	4	4	5	4	4	5	7	7	4	2	1	2	2	2	2	2	2	2	2	2	2	3
8	2	2	2	2	2	2	2	3	3	3	3	2	2	3	4	3	4	3	5	4	4	2	3	3	3
9	3	4	3	3	4	5	3	4	4	5	6	6	5	4	4	-	4	6	6	7	6	4	3	2	4
10	1	1	2	2	1	2	3	5	5	3	3	2	0	-	0	0	1	3	3	6	4	6	-	4	3
11	3	3	3	3	3	4	4	5	10	11	7	3	1	1	3	3	8	6	-	-	-	7	13	15	6
12	8	4	3	4	4	4	5	7	8	-	5	5	5	5	6	8	10	12	-	-	7	8	7	8	6
13	7	6	6	5	6	5	5	6	7	7	8	9	8	8	9	9	9	9	10	8	7	8	-	7	7
14	8	7	5	3	2	2	2	2	2	2	2	2	2	2	4	2	2	3	2	3	3	2	2	2	3
15	1	2	2	1	0	1	2	2	3	5	7	6	5	3	6	7	6	6	8	8	8	9	6	4	5
16	4	5	6	4	3	3	3	4	7	6	-	2	3	3	6	5	9	18	19	13	8	8	9	6	7
17	5	4	3	4	4	4	5	8	9	9	12	7	6	7	-	-	4	4	3	2	3	5	5	2	5
18	1	1	1	2	2	1	1	1	1	1	-	-	-	3	2	4	8	11	6	8	5	5	11	8	4
19	10	5	4	3	2	2	5	6	9	6	5	5	-	6	6	6	8	5	5	4	4	4	5	4	5
20	5	5	5	5	4	5	5	6	6	6	8	8	8	8	8	8	7	6	6	6	6	7	7	8	6
21	8	6	5	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	4	2	5	3	3	3
22	2	4	2	1	1	****	2	2	2	1	1	1	1	****	****	****	****	****	3	3	4	2	2	5	2
23	3	4	5	5	3	2	2	5	5	4	-	7	8	7	8	9	9	8	6	6	5	5	5	4	5
24	4	3	3	2	2	2	2	4	5	-	-	5	6	7	8	9	8	6	5	4	3	3	3	2	4
25	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	2	0	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	-	1	2	1	2	2	2	2	1	3	1	2	2	1	1	1
27	2	2	2	3	2	2	2	2	3	2	2	2	3	4	5	4	4	5	4	4	4	4	4	2	3
28	2	2	2	0	1	1	0	1	2	2	2	1	2	2	2	2	2	2	1	1	1	1	1	1	1
29	1	1	1	0	1	1	0	1	1	-	1	2	2	2	2	2	3	2	2	2	2	2	0	0	1
30	0	0	0	0	0	0	0	0	1	2	2	1	1	1	2	1	2	-	2	3	1	3	3	2	1
31	2	1	1	1	1	0	1	1	1	1	0	2	2	1	0	1	0	1	1	1	1	1	0	0	1
MEAN	4	3	3	3	2	2	3	3	4	4	4	3	3	3	4	4	4	5	4	4	4	4	4	3	3.6

PERCENTAGE OF DATA VALID - 85.9 PERCENTAGE OF DATA INVALID - 10.6 PERCENTAGE OF DATA UNAVAILABLE - 3.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	1	2	2	1	1	1	1	0
2	1	1	1	1	1	1	1	2	2	2	2	5	5	6	3	2	2	5	7	18	36	37	59	50	10
3	33	26	21	12	6	8	13	22	17	12	8	6	7	8	10	9	7	6	5	4	5	5	7	8	11
4	6	6	6	4	3	2	2	2	5	2	0	1	1	2	2	1	2	3	3	1	1	3	3	1	3
5	1	2	1	2	1	1	1	3	5	3	4	3	2	1	1	1	-	1	2	2	3	3	3	5	2
6	5	6	4	4	4	4	8	9	11	-	8	14	9	9	7	5	5	6	5	6	6	6	6	7	7
7	8	9	8	9	7	7	8	12	13	12	12	12	15	14	6	9	6	4	4	3	4	5	5	3	8
8	2	2	2	3	2	2	2	3	5	4	2	2	2	2	1	1	1	1	1	1	0	0	0	0	2
9	1	1	1	-	-	-	-	-	1	2	0	1	1	-	0	2	3	4	2	1	2	4	5	3	2
10	3	2	2	3	2	2	1	0	0	0	0	0	0	0	0	0	1	2	5	10	7	5	3	4	2
11	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1	1	2	2	3	3	3	3	1	1
12	1	1	1	1	1	1	1	2	4	4	8	3	3	2	1	2	3	1	1	0	1	1	1	1	2
13	1	2	1	1	1	1	2	5	6	8	2	1	1	2	1	1	4	5	-	15	10	9	13	10	4
14	5	3	2	1	1	1	2	5	4	3	5	-	4	5	3	6	7	6	4	4	5	6	4	4	4
15	3	3	2	2	2	1	2	5	5	4	4	3	4	3	3	2	4	2	-	2	2	2	2	2	3
16	1	2	1	1	1	0	0	1	2	2	0	0	0	1	0	1	1	1	1	1	1	1	1	2	1
17	-	2	1	1	1	1	1	2	2	1	2	2	1	-	2	2	1	2	3	2	3	2	2	3	2
18	2	4	3	3	3	4	4	3	2	3	3	3	3	3	4	3	3	2	4	2	-	2	2	-	3
19	2	2	2	2	2	3	4	17	25	-	-	-	1	3	1	1	4	9	9	10	11	11	12	11	7
20	13	11	12	13	13	9	11	16	17	17	15	12	12	12	11	9	9	7	7	6	7	7	6	6	11
21	6	4	4	4	4	3	4	5	4	7	5	10	7	3	2	2	2	1	1	1	1	2	2	1	4
22	1	1	1	1	2	2	2	3	4	5	1	2	3	6	4	6	5	4	4	5	5	4	3	2	3
23	1	1	2	1	2	2	3	3	2	2	6	8	9	10	12	12	17	17	10	10	11	12	2	4	7
24	4	4	4	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	1	0	0	1
25	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	1	0
26	1	0	0	0	0	0	0	0	0	-	-	-	-	3	2	1	1	-	3	0	0	0	0	0	1
27	0	0	0	0	0	1	1	1	-	-	-	2	3	2	2	-	3	4	4	12	8	8	10	8	3
28	5	5	6	5	6	6	9	13	18	14	11	10	11	9	8	6	10	12	13	18	11	8	8	6	10
MEAN	4	4	3	3	2	2	3	5	6	5	4	4	4	4	3	3	4	4	4	5	5	5	6	5	4.1

PERCENTAGE OF DATA VALID - 95.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	2	2	2	4	6	7	9	8	10	9	-	-	6	5	4	3	3	3	1	1	1	4
2	0	0	0	0	0	1	1	2	2	3	4	5	-	4	3	4	-	-	-	-	-	-	-	-	******
3	-	-	-	-	-	2	4	3	4	4	5	5	5	5	5	5	5	7	8	6	4	3	3	3	5
4	3	4	3	3	3	3	3	3	3	2	2	2	3	4	5	5	5	5	7	5	3	3	3	6	4
5	3	2	1	1	0	0	0	1	-	-	2	3	4	3	3	5	5	4	5	7	9	5	6	5	3
6	3	3	2	3	2	3	4	5	5	3	-	-	1	1	2	1	1	1	1	14	11	6	7	4	4
7	-	-	1	1	2	4	5	6	6	5	4	10	6	6	3	3	5	5	6	13	5	4	4	4	5
8	4	6	3	3	4	5	3	5	5	3	3	1	1	1	1	1	1	1	1	2	1	1	1	2	2
9	2	2	1	3	7	6	10	10	8	6	4	6	6	6	6	5	7	5	5	7	7	8	9	7	6
10	6	5	4	3	3	3	6	8	13	18	32	1	1	1	1	1	0	1	1	1	1	1	1	1	5
11	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	2	2	2	1	2	1	1	1	1
12	2	0	0	0	0	0	1	3	0	-	0	0	0	-	1	2	2	2	4	6	5	7	-	9	2
13	10	6	4	3	3	3	4	6	8	10	9	8	9	8	9	13	5	8	8	8	7	7	12	8	7
14	6	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	1	1	1	1	2
15	1	1	1	1	1	1	3	2	1	-	0	0	0	0	0	0	0	1	3	3	4	3	2	2	1
16	1	1	1	2	2	-	4	5	4	4	4	3	2	2	2	2	2	2	3	4	4	5	7	9	3
17	13	12	10	10	8	8	9	16	10	7	8	6	5	5	5	5	5	6	7	6	7	6	6	7	8
18	7	6	5	3	5	6	4	4	9	5	5	5	4	4	4	4	3	4	5	3	4	4	5	6	5
19	3	4	2	2	3	3	3	5	5	3	3	5	3	4	5	5	6	6	6	6	5	6	3	3	4
20	2	2	2	2	2	3	5	7	5	-	3	3	3	3	5	4	4	-	-	7	7	-	6	15	5
21	13	14	8	7	6	5	9	13	10	10	7	6	5	4	4	3	3	2	2	2	2	4	5	8	6
22	4	5	3	2	2	2	3	2	2	4	4	4	3	5	5	5	6	7	6	6	7	11	14	6	5
23	5	4	3	3	3	3	4	5	6	7	7	8	6	8	6	6	6	7	4	4	4	4	4	4	5
24	4	4	4	4	5	5	5	5	4	6	6	6	9	5	6	7	8	10	9	6	7	6	5	5	6
25	3	3	3	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
26	2	2	2	2	2	2	1	1	1	-	2	25	1	2	-	-	-	-	-	-	-	-	-	-	******
27												- DATA UNAVAILABLE -													
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	6	5	5	5	6	8	8	******
29	8	9	10	6	-	4	8	-	-	-	5	5	5	6	-	5	7	5	7	7	7	7	13	8	7
30	6	11	11	8	7	7	9	13	-	14	14	13	12	13	11	11	12	14	13	14	12	12	14	12	11
31	8	12	10	10	8	7	7	8	8	7	6	6	7	6	7	5	5	4	4	3	3	3	3	3	6
MEAN	5	5	4	3	3	3	4	5	5	6	5	5	4	4	4	4	4	5	5	5	5	5	5	5	4.5

PERCENTAGE OF DATA VALID - 88.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	2	3	3	3	4	4	4	5	4	4	5	4	4	5	4	5	4	3
2	3	2	2	3	2	3	3	9	10	8	-	-	-	-	9	5	4	4	4	3	3	2	2	2	4
3	2	3	6	4	9	6	4	6	4	3	1	1	1	3	3	4	5	4	4	7	8	12	17	15	6
4	13	5	2	2	3	3	3	5	6	4	4	4	4	3	3	4	-	4	2	1	1	0	0	0	3
5	1	1	1	2	1	-	3	3	-	-	-	1	4	4	7	7	-	4	5	7	9	3	2	2	4
6	2	1	1	1	1	1	1	1	2	-	-	3	3	2	2	2	2	1	2	1	1	2	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	3	4	4	2
8	2	2	2	1	0	0	0	0	1	2	2	2	3	1	1	2	2	2	1	2	1	1	0	1	1
9	2	0	0	1	1	1	1	1	2	1	2	2	1	1	1	2	1	2	1	2	2	2	1	0	1
10	0	0	0	0	0	0	0	2	1	0	0	0	0	0	-	1	3	3	3	4	4	7	7	7	2
11	6	6	6	5	3	3	3	6	6	4	3	2	2	3	2	3	4	4	4	4	2	3	3	2	4
12	2	1	1	1	0	0	0	3	6	4	5	8	7	8	6	8	7	8	8	7	7	6	6	6	5
13	6	5	4	4	4	4	4	5	5	5	5	5	7	6	6	8	7	6	7	6	5	4	4	5	5
14	3	4	3	4	4	2	4	4	4	4	6	8	8	4	3	3	3	3	3	4	2	2	2	2	4
15	2	2	2	2	1	2	1	1	2	1	1	2	2	3	3	2	2	3	3	3	3	2	3	3	2
16	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	3	3	-	3	2	-	3	4	2	2
17	2	2	2	2	2	2	2	2	2	1	1	1	1	-	-	1	3	3	2	4	4	6	4	4	2
18	5	6	6	6	2	1	1	2	1	-	0	-	-	-	3	3	4	2	3	4	2	2	4	5	3
19	6	8	7	4	5	7	9	6	2	2	2	3	3	4	3	2	-	2	3	4	6	5	11	14	5
20	15	26	16	20	14	15	14	12	8	5	5	6	4	3	3	4	5	3	5	5	5	4	5	6	9
21	6	6	4	4	4	5	5	7	6	8	8	10	9	8	8	10	12	11	9	9	11	13	5	3	8
22	2	2	1	1	1	1	1	1	1	1	2	1	2	2	2	4	4	3	5	6	5	7	5	8	3
23	10	8	9	8	6	4	5	7	9	7	11	7	6	7	9	6	6	7	10	7	9	7	6	5	7
24	5	7	8	7	7	10	11	9	7	7	6	-	8	9	-	-	8	7	9	9	6	5	4	4	7
25	3	2	2	3	2	-	4	6	6	5	6	7	8	7	7	7	8	6	8	10	11	10	7	6	6
26	3	2	2	2	3	7	3	4	5	4	4	3	3	3	3	4	4	2	2	2	2	1	0	1	3
27	1	1	1	1	1	1	2	1	1	3	3	3	3	2	2	2	3	3	3	5	5	6	8	10	3
28	10	5	4	3	2	1	2	2	2	1	2	2	1	0	0	1	1	2	0	1	1	1	1	1	2
29	1	1	1	1	1	1	3	1	2	0	0	1	1	2	2	1	2	2	1	4	5	3	2	1	2
30	1	1	1	1	1	1	3	3	2	3	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
MEAN	4	4	3	3	3	3	3	4	4	3	3	3	4	3	4	4	4	4	4	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	2	2	2	2	3	1	1	1	1	1	2	2	3	3	2	3	5	5	7	5	5	3
2	5	4	4	3	3	4	5	4	2	-	-	2	2	2	2	3	3	3	3	4	3	2	2	2	3
3	2	2	2	2	2	2	4	4	4	5	9	10	6	2	2	2	2	4	2	2	2	3	2	2	3
4	1	2	2	1	1	2	2	2	1	1	1	1	2	2	2	3	-	3	5	4	3	3	2	1	2
5	1	1	1	1	2	2	5	3	2	2	2	1	1	1	1	2	3	5	5	5	3	5	4	2	3
6	2	2	1	2	3	2	3	4	6	8	7	8	7	7	5	5	4	3	2	3	2	2	2	2	4
7	2	2	2	-	2	2	4	4	4	-	-	3	3	2	3	3	-	2	2	3	2	2	2	1	3
8	3	3	3	2	1	4	4	7	8	7	6	7	7	7	5	4	7	6	4	6	7	7	8	7	5
9	9	14	9	11	11	11	10	9	6	6	7	7	5	6	5	6	8	6	7	7	6	7	6	7	8
10	6	9	5	5	6	4	5	7	6	9	8	10	12	8	4	4	4	6	6	4	5	5	5	5	6
11	3	3	4	3	3	6	8	9	13	11	9	6	8	9	7	6	7	6	5	4	4	4	3	4	6
12	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	2	2	3
13	3	3	5	5	6	5	6	6	6	7	6	4	2	2	3	1	2	2	3	4	3	4	7	7	4
14	3	3	4	4	6	5	7	7	4	-	-	4	3	2	2	1	1	1	3	2	2	1	4	2	3
15	3	2	2	2	3	4	6	5	5	3	-	3	3	2	4	1	1	1	2	2	5	4	3	2	3
16	3	4	4	3	2	7	4	1	1	1	1	1	1	2	1	2	1	1	2	2	5	8	7	13	3
17	-	4	3	-	5	6	9	7	4	5	3	3	3	3	3	2	1	1	2	4	3	3	2	2	4
18	3	3	1	1	2	4	7	11	11	9	4	4	4	9	3	3	3	3	4	4	4	5	5	4	5
19	2	2	2	2	2	3	3	4	6	-	5	8	8	3	5	6	4	3	4	4	3	5	5	7	4
20	4	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	6	5	4	2
21	-	3	1	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
22	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	2	3	2	4	4	7	6	8	-	******
23	4	6	2	3	4	4	6	7	5	4	2	2	2	2	2	-	2	1	2	3	3	3	3	3	3
24	2	2	1	1	1	1	1	1	-	-	1	1	1	1	-	-	2	2	3	2	2	3	3	3	2
25	1	2	1	1	-	-	4	5	3	3	-	2	4	2	3	4	4	4	3	4	4	4	3	4	3
26	4	4	4	4	3	3	3	3	4	4	4	3	2	3	3	3	2	4	3	4	5	4	3	4	3
27	5	6	4	4	4	3	3	3	3	5	5	3	4	4	3	2	4	4	5	6	7	7	8	5	4
28	6	6	4	3	-	2	3	3	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	3	4	3	3	3	4	4	5	4	5	4	4	4	3	3	3	3	3	3	4	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 81.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 18.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1	2	1	-	-	0	2	5	3	5	******
12	3	2	2	2	1	2	4	1	1	1	1	1	1	1	0	1	2	2	-	1	3	10	14	14	3
13	11	9	6	6	8	13	11	7	2	1	0	1	1	1	1	1	1	1	2	2	2	1	2	1	4
14	1	1	1	3	-	2	4	4	3	4	8	8	4	3	4	2	4	9	8	7	9	10	11	11	5
15	13	13	14	15	11	15	15	14	11	7	-	-	6	5	4	4	7	8	10	8	7	5	5	5	9
16	4	4	3	4	3	3	3	3	1	1	1	1	3	1	4	2	2	3	3	3	3	2	3	2	3
17	3	3	6	5	6	6	7	6	7	7	7	4	3	3	2	3	3	2	1	0	0	0	0	0	4
18	0	0	0	0	0	0	1	0	-	-	-	0	0	1	1	0	1	1	1	1	0	0	0	0	0
19	1	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0	0	1	0	1	3	3	2	2	1
20	-	0	0	0	0	1	2	3	2	2	2	2	3	2	4	7	5	5	6	6	7	7	8	7	4
21	10	9	8	7	8	7	10	10	9	8	8	7	8	10	13	11	10	10	7	5	4	2	3	4	8
22	3	3	2	1	1	1	4	2	3	-	1	2	2	1	1	1	-	1	1	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	-	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
25	1	1	0	1	1	1	2	0	-	0	1	2	2	1	0	1	-	2	2	2	5	10	5	8	2
26	5	4	6	4	6	7	10	6	5	3	2	2	5	4	4	4	5	5	6	5	6	6	5	6	5
27	4	4	6	6	4	4	4	4	3	5	3	2	2	2	2	2	3	2	5	3	3	3	3	3	3
28	2	1	1	1	0	1	2	1	-	1	-	1	1	1	1	1	1	1	1	1	2	3	3	4	1
29	4	6	3	2	3	2	4	4	3	4	6	7	8	9	6	4	5	4	4	5	5	4	4	-	5
30	4	4	2	2	2	2	3	4	5	5	4	4	4	3	3	-	3	3	3	2	2	2	2	1	3
MEAN	4	3	3	3	3	4	5	4	4	3	3	2	3	2	3	2	3	3	3	3	3	4	4	4	3.2

PERCENTAGE OF DATA VALID - 62.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 37.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	1	1	1	1	1	2	2	1	2	1	1	2	3	2	2	2	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	5	22	33	22	4
3	18	17	16	10	9	4	3	3	1	0	-	-	-	0	1	1	2	2	2	2	2	3	2	1	5
4	0	0	0	0	1	1	2	2	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0
5	0	0	0	0	0	1	1	0	0	0	0	-	-	0	0	0	0	0	0	0	2	2	4	5	1
6	3	2	3	3	3	6	6	6	2	0	2	0	0	0	0	0	0	0	0	2	6	10	8	16	3
7	22	23	23	21	17	17	15	8	3	4	2	1	1	1	1	1	1	1	2	2	3	4	5	3	8
8	3	4	5	-	3	4	5	2	2	2	0	0	0	0	0	0	0	1	1	2	4	12	11	1	3
9	1	1	1	0	0	2	4	6	-	-	7	6	-	5	5	-	-	-	-	-	-	-	-	-	******
10	-	-	-	-	-	-	-	-	3	3	3	-	2	3	3	-	3	3	4	4	5	4	3	4	******
11	6	8	9	5	6	5	6	6	-	4	3	3	3	-	-	-	6	5	5	5	6	6	7	10	6
12	8	5	6	8	9	7	8	8	7	5	4	3	3	4	5	4	4	4	4	7	7	6	15	12	6
13	5	4	6	4	4	4	5	4	4	4	-	3	4	4	4	4	3	3	3	3	4	5	4	5	4
14	6	9	10	9	7	6	7	7	8	7	5	5	5	8	7	5	7	10	8	9	9	9	9	7	7
15	5	5	4	4	4	4	4	3	3	4	5	5	4	6	4	3	3	3	4	5	5	13	12	16	5
16	6	6	4	4	4	4	3	3	3	3	-	-	3	4	4	4	4	4	4	3	3	3	2	-	4
17	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
18	2	2	2	2	2	2	3	3	3	3	2	2	1	2	1	2	1	2	1	3	5	9	14	6	3
19	3	3	5	3	6	4	6	5	4	2	1	1	1	1	1	1	1	1	2	4	7	7	5	7	3
20	7	5	5	4	5	5	5	6	7	4	3	2	3	2	2	2	3	3	3	5	7	15	19	13	6
21	-	7	8	8	8	8	10	7	7	4	4	3	2	4	4	4	3	4	4	5	4	4	7	6	5
22	5	7	4	3	4	6	-	6	4	7	3	4	3	2	3	3	3	-	4	4	3	5	5	4	4
23	-	3	3	3	3	3	6	5	-	-	8	8	5	2	2	3	6	6	5	5	5	5	4	4	4
24	3	3	5	8	4	5	7	9	12	9	6	16	10	4	4	5	7	7	7	8	8	8	8	6	7
25	7	12	9	7	7	8	9	8	9	8	7	7	7	7	7	7	8	8	9	9	8	8	5	6	8
26	4	3	3	3	2	3	3	2	2	3	2	2	2	2	2	-	2	2	2	2	4	7	11	10	3
27	5	6	6	7	8	9	8	-	3	4	5	5	4	-	1	2	3	5	4	-	5	4	3	2	5
28	1	1	2	2	2	3	4	4	3	2	-	2	3	2	2	2	1	1	1	-	6	8	12	11	3
29	13	9	9	7	6	5	3	1	1	1	1	4	1	1	1	1	1	1	2	2	5	7	7	6	4
30	3	5	6	4	4	6	9	7	4	3	2	3	3	3	3	3	3	2	3	4	3	3	5	7	4
31	7	5	3	3	4	8	8	8	4	-	-	3	5	6	3	3	3	3	3	3	3	3	3	3	4
MEAN	5	5	5	5	5	5	5	5	4	3	3	3	3	3	2	2	3	3	3	4	5	7	8	7	4.3

PERCENTAGE OF DATA VALID - 93.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 6.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	5	5	6	6	6	7	7	-	5	4	4	3	2	3	3	3	2	2	2	3	-	4
2	2	1	1	1	0	0	1	1	2	-	2	2	0	2	2	2	1	0	1	2	5	4	3	3	2
3	2	2	2	2	4	5	6	5	4	3	3	2	2	2	2	2	3	2	3	5	4	3	4	6	3
4	4	5	3	2	2	2	3	3	2	1	1	0	0	0	0	1	1	2	2	2	1	1	1	2	2
5	3	3	4	2	2	2	2	2	2	1	1	1	2	1	1	1	2	1	0	1	2	2	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	0
7	5	4	3	3	4	3	6	5	-	-	5	6	-	5	3	2	3	3	2	3	3	2	2	2	4
8	2	2	3	3	2	3	5	4	4	4	3	3	3	2	2	2	4	-	2	1	1	1	1	1	3
9	1	1	1	1	2	8	8	6	4	2	6	5	3	2	4	4	4	3	2	2	2	2	2	2	3
10	7	8	3	3	3	2	1	1	1	2	1	2	-	2	2	2	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	4	2	1
12	2	2	0	0	0	2	2	1	1	1	1	1	1	1	1	3	1	1	1	2	6	5	4	4	2
13	4	6	5	5	5	6	6	7	5	6	8	4	4	3	2	2	3	4	6	5	3	2	3	3	4
14	2	1	1	1	1	2	1	1	1	0	0	0	0	0	1	1	0	0	-	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	0
16	3	1	0	0	0	1	2	3	1	1	1	1	0	0	0	0	0	1	3	8	7	7	5	4	2
17	5	5	4	6	5	2	2	3	2	1	2	6	6	2	3	6	3	2	3	4	4	5	5	4	4
18	5	5	4	3	2	5	7	6	3	2	2	2	0	2	2	2	2	2	3	6	5	2	2	1	3
19	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	3	3	3	3	2	2	2	2
20	2	4	2	1	1	1	5	4	3	3	3	2	2	1	2	2	5	2	2	3	1	1	1	-	2
21	0	0	0	1	1	4	8	6	-	1	1	1	0	0	1	1	1	1	1	3	2	2	3	3	2
22	3	2	2	1	2	2	5	3	3	2	1	2	2	2	2	3	3	4	3	4	4	4	4	2	3
23	1	1	1	2	2	3	5	5	4	7	4	5	8	6	7	8	5	2	2	2	2	2	3	5	4
24	6	6	5	5	6	4	5	5	5	5	5	4	4	4	4	2	3	3	3	3	4	4	2	2	4
25	2	1	1	1	1	2	3	5	3	2	1	1	1	2	1	2	2	1	2	2	3	3	3	3	2
26	5	5	5	2	2	2	2	2	1	1	1	1	1	1	1	2	2	3	2	2	3	2	2	2	2
27	2	2	2	2	1	2	3	4	4	10	6	1	-	2	5	4	4	2	2	3	2	2	2	2	3
28	2	2	2	2	3	3	4	6	5	4	4	4	7	8	2	4	4	3	3	3	4	4	2	3	4
29	2	2	2	3	4	3	6	6	3	3	4	4	-	7	5	3	3	3	4	6	6	3	4	4	4
30	4	3	3	2	3	2	3	4	3	2	2	2	2	3	2	2	2	3	2	3	3	3	2	3	3
31	2	3	3	3	3	4	8	6	5	5	4	3	4	4	5	9	8	8	5	6	5	6	7	5	5
MEAN	3	3	2	2	2	3	4	4	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2.6

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	7	3	4	5	7	6	5	8	7	3	3	3	3	3	3	3	6	6	5	4	4
2	6	4	5	7	7	6	6	6	6	7	7	10	5	4	4	4	4	4	3	3	3	3	3	3	5
3	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2
4	1	2	1	1	1	2	4	6	3	2	1	1	-	0	1	1	1	2	2	4	6	4	3	3	2
5	4	2	4	3	3	3	6	-	-	4	2	2	2	1	2	2	3	4	7	9	8	6	7	6	4
6	7	5	5	4	2	3	3	6	1	1	2	2	1	2	2	2	2	3	4	4	5	6	3	1	3
7	0	0	0	0	0	2	3	3	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	2	4	5	3	2	3	2	1	0	1	0	2	6	15	22	18	31	5
9	18	7	3	2	2	1	2	4	6	4	1	3	1	-	-	4	4	4	6	6	5	7	7	7	5
10	6	3	5	4	5	7	8	8	8	-	5	2	2	2	3	2	2	2	1	1	1	1	2	1	4
11	1	1	1	1	1	1	4	4	3	-	-	1	1	1	1	-	2	2	4	8	6	5	4	3	3
12	2	1	1	1	2	4	8	5	5	5	6	9	4	5	6	4	2	3	4	3	2	2	2	2	4
13	2	2	2	2	2	2	4	4	7	4	3	4	10	9	8	8	5	4	3	2	1	1	1	1	4
14	0	0	0	0	0	0	0	0	0	0	0	-	1	1	0	1	0	1	1	1	1	0	0	0	0
15	0	1	2	1	3	2	2	2	1	1	0	0	0	0	0	0	0	1	1	2	3	3	2	2	1
16	1	1	0	1	1	1	2	2	1	1	2	2	2	2	2	2	3	4	4	5	6	8	6	3	3
17	-	-	-	-	-	-	-	-	-	-	-	1	2	3	3	3	3	3	5	5	5	5	5	8	******
18	8	4	3	3	1	2	2	3	2	2	3	2	1	2	1	1	2	2	2	-	0	0	0	0	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	3	6	4	4	2	1	1
20	1	1	2	1	1	4	9	12	7	5	4	3	4	4	4	4	4	4	5	7	8	8	8	8	5
21	9	10	6	5	5	4	3	-	-	4	2	1	2	2	2	2	2	2	2	3	-	2	1	1	3
22	0	0	0	0	0	0	1	2	2	2	2	1	1	1	1	1	1	1	2	1	1	2	3	3	1
23	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	3	5	5	5	3	3	2
24	1	1	1	1	1	3	7	9	5	4	6	11	10	9	9	7	8	9	6	6	6	6	9	8	6
25	5	2	6	8	5	6	10	11	7	3	2	2	1	1	1	1	1	2	3	5	5	4	4	3	4
26	3	3	4	2	1	3	2	5	5	-	10	10	4	2	2	4	4	7	16	14	9	11	15	13	6
27	7	9	13	14	10	15	21	17	8	9	16	9	7	8	6	6	5	6	7	4	3	3	3	3	9
28	3	2	3	3	5	5	10	10	7	6	8	5	5	4	3	3	3	5	7	6	5	6	7	4	5
29	4	4	9	11	7	8	6	9	12	13	12	10	10	3	1	3	4	6	4	4	4	4	2	3	6
30	3	3	4	3	3	5	7	5	7	6	11	10	4	3	3	2	2	2	2	3	3	2	3	3	4
MEAN	3	3	3	3	3	3	5	5	4	4	4	4	3	3	2	3	2	3	4	4	4	5	4	4	3.6

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	3	2	2	3	5	6	5	4	3	3	2	1	2	5	5	3	4	4	4	3	3	2	3
2	2	2	2	2	2	2	5	5	4	4	6	5	-	-	2	4	3	2	3	3	2	2	1	1	3
3	1	1	1	0	1	1	2	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	5	5	4	5	4	3	3	3	3	3	3	4	2	3	4	4	3	2	3
5	4	1	1	0	2	2	4	7	3	2	1	3	2	1	2	1	1	1	5	3	2	1	1	1	2
6	1	3	3	2	1	4	3	6	6	6	4	8	5	4	3	3	4	4	3	3	1	1	1	1	3
7	0	2	0	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	2	0
8	2	-	4	2	4	3	3	3	5	4	3	2	1	2	2	3	3	3	5	8	7	4	4	3	3
9	2	2	0	0	0	0	0	0	1	0	-	-	0	0	1	1	1	0	1	1	1	2	3	1	1
10	1	1	-	1	1	-	10	7	7	4	2	4	3	-	1	1	1	1	1	2	2	3	3	6	3
11	5	6	6	8	8	6	11	7	7	4	4	4	5	3	-	4	3	2	2	3	1	1	3	2	.5
12	3	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2
13	1	1	0	0	0	1	1	1	2	1	1	2	0	0	0	0	0	0	0	1	2	1	0	1	1
14	1	1	2	1	1	1	1	2	2	1	0	0	0	0	0	0	0	1	2	2	2	2	2	5	1
15	7	4	3	2	2	2	2	-	3	4	4	3	2	1	2	1	1	2	6	9	4	3	3	3	3
16	4	4	5	4	2	5	15	25	7	6	4	-	7	7	-	2	7	8	7	6	5	5	5	3	7
17	2	1	2	3	4	4	4	-	-	4	5	5	5	5	4	4	2	2	1	1	1	1	1	1	3
18	3	5	1	2	2	3	5	6	5	4	2	3	2	2	2	2	5	5	4	3	2	1	2	2	3
19	1	1	1	1	1	3	3	3	3	-	-	6	4	5	6	-	-	4	4	7	4	6	8	7	4
20	7	10	9	9	8	7	7	6	5	5	5	4	6	4	3	4	3	5	8	7	7	5	5	6	6
21	4	4	4	5	5	5	4	5	5	6	5	5	3	3	5	3	4	6	6	5	5	5	5	5	5
22	4	4	4	4	5	5	7	7	7	4	4	6	6	3	2	1	1	2	2	2	1	2	2	2	4
23	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	3	1	0	0	0	0	0	1
24	0	0	0	0	0	0	1	2	0	0	0	-	0	0	0	0	0	0	0	0	2	-	0	0	0
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	1	2	10	1
27	8	5	2	2	2	2	3	2	3	4	3	2	2	2	3	3	4	4	4	3	3	3	4	8	3
28	4	3	2	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	1
29	0	0	1	0	1	1	1	1	1	1	1	-	1	1	1	1	3	4	10	11	10	8	8	6	3
30	4	3	3	2	2	2	3	8	6	2	3	3	3	3	3	5	5	5	4	7	4	3	4	3	4
31	2	2	1	1	1	1	3	5	3	2	-	-	-	-	4	4	4	4	2	3	3	3	2	2	3
MEAN	3	2	2	2	2	2	4	4	3	3	2	3	2	2	2	2	2	3	3	3	3	2	2	3	2.6

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	1	1	2	4	3	2	3	3	3	4	3	5	5	1	1	1	1	1	0	1	2
2	2	2	3	3	1	1	1	1	0	-	-	2	2	3	3	3	3	3	5	8	9	13	9	8	4
3	4	3	2	2	4	5	6	7	6	3	3	3	2	1	1	2	2	3	3	2	-	4	5	-	3
4	6	5	5	4	4	4	4	4	6	3	3	2	2	1	1	2	2	3	4	4	4	3	3	4	3
5	3	3	2	2	3	3	3	6	5	5	5	8	3	3	3	8	6	6	5	3	4	3	6	5	4
6	4	4	2	3	5	6	7	11	7	5	3	3	-	5	4	6	5	4	2	1	1	1	0	0	4
7	0	0	0	0	0	0	0	1	5	7	5	4	4	3	2	2	2	2	2	3	2	4	4	5	2
8	4	3	5	5	3	-	-	4	5	4	3	2	2	2	1	1	1	3	2	2	2	3	3	3	3
9	3	4	3	3	4	8	13	8	7	4	-	-	5	5	4	6	5	5	5	-	3	3	3	3	5
10	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	2	1	2	5	5	2
11	4	4	-	3	3	1	1	1	1	0	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	-	1	4	9	17	11	5	2	3	3	4	2	2	4	10	17	32	16	20	11	4	8
13	3	3	3	4	6	7	12	25	4	3	3	2	2	1	1	1	2	2	2	3	3	3	3	2	4
14	1	1	1	1	1	1	1	2	3	2	2	-	5	5	4	3	3	2	3	3	2	4	4	5	3
15	4	3	3	4	5	5	3	6	6	6	5	4	4	3	4	3	-	-	-	3	1	1	1	1	4
16	0	0	0	0	0	0	0	2	5	4	2	2	2	1	3	3	4	4	4	5	5	5	4	4	2
17	3	2	2	2	2	3	3	3	3	3	1	2	3	2	3	3	4	8	11	12	14	8	6	15	5
18	17	19	23	17	14	12	13	7	7	7	8	7	7	8	8	6	8	9	10	8	9	7	7	6	10
19	11	9	7	5	6	8	12	16	14	14	-	-	8	6	5	5	7	6	6	7	6	6	6	9	8
20	-	-	5	6	5	4	3	5	4	3	3	2	2	-	4	3	5	6	5	7	3	3	2	1	4
21	2	1	1	1	1	1	1	4	4	3	4	3	4	4	4	4	7	-	7	5	4	5	7	10	4
22	5	5	5	7	7	5	6	6	6	6	-	7	8	8	5	6	7	6	6	8	6	7	5	3	6
23	4	4	6	1	1	2	2	3	3	3	4	4	3	4	3	3	4	10	3	3	4	4	3	3	4
24	2	-	2	2	2	2	2	2	3	1	1	2	3	3	4	6	4	2	2	2	2	-	2	3	2
25	3	1	2	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
26	2	2	2	2	2	2	2	2	4	2	3	3	2	1	1	1	1	1	1	1	1	2	1	1	2
27	1	1	1	1	1	1	1	1	3	2	3	3	3	3	-	-	4	7	10	2	1	1	1	2	2
28	1	0	1	0	0	1	1	1	3	3	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
29	1	1	1	1	1	1	1	3	2	2	1	2	2	2	2	-	-	-	-	2	2	2	2	1	2
30	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
MEAN	3	3	3	3	3	3	4	5	5	4	3	3	3	3	3	3	4	4	4	5	4	4	4	4	3.6

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	4	3	3	2	3	3	4	4	-	5	2	1	2	2	5	2	2	3
2	5	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	5	4	2	3	6	7	2
3	9	7	5	3	2	2	2	2	7	7	5	7	7	8	7	5	-	7	5	4	3	2	2	2	5
4	2	2	2	2	2	2	3	6	6	3	1	1	2	5	6	5	3	3	3	3	9	11	8	9	4
5	5	3	3	3	4	3	4	4	4	4	5	5	-	-	-	2	4	6	6	5	3	3	2	3	4
6	3	3	6	2	1	1	1	2	3	2	4	3	4	2	4	7	5	10	8	8	8	5	4	4	4
7	4	7	7	6	4	2	3	4	4	6	8	-	6	9	11	7	5	2	2	2	2	2	2	1	5
8	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	2	-	2	2	1	2	2	1
9	2	1	2	4	2	3	6	6	7	5	6	5	4	2	2	2	2	4	3	3	3	5	3	6	4
10	7	8	8	8	9	16	16	15	12	9	8	6	6	6	10	13	12	11	10	10	10	10	10	10	10
11	12	13	11	10	9	9	10	12	13	10	12	10	10	9	9	8	7	10	10	11	11	11	9	12	10
12	12	12	7	2	2	1	1	1	1	2	1	0	0	1	1	1	1	0	1	1	0	0	0	0	2
13	0	0	0	0	1	0	2	4	4	3	2	0	1	2	2	1	1	2	1	3	4	2	2	2	2
14	3	2	3	1	1	2	2	3	4	3	-	-	1	-	1	-	2	11	8	6	4	3	2	7	3
15	8	8	6	7	9	8	6	6	6	8	7	5	5	5	5	7	8	12	15	11	8	8	8	9	8
16	9	7	4	3	3	3	4	5	6	7	9	4	2	1	1	1	1	0	0	0	0	0	0	0	3
17	1	2	1	2	5	13	12	15	6	7	10	12	7	6	7	10	11	6	5	4	5	4	3	4	7
18	6	5	5	5	5	6	5	6	6	6	9	13	6	6	4	5	8	13	6	6	7	6	5	5	6
19	4	5	4	4	5	5	6	8	9	9	9	8	-	6	4	5	6	6	6	6	4	5	4	3	6
20	3	2	2	2	2	2	2	3	4	4	4	5	6	5	5	6	7	8	9	10	10	9	7	4	5
21	5	6	4	4	3	4	4	6	7	6	5	4	4	4	4	4	6	4	4	4	4	4	2	2	4
22	4	4	4	4	4	5	4	4	4	5	5	5	7	6	6	7	5	4	4	3	2	4	4	2	4
23	5	5	4	5	4	3	3	4	4	4	5	4	5	3	3	5	6	5	3	6	5	3	5	4	4
24	2	3	1	1	1	1	1	1	1	1	3	2	3	5	5	5	4	3	3	3	2	2	2	2	2
25	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	1	1	1	1	0
27	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	3	3	3	4	1	1
28	1	1	1	0	0	0	1	1	2	-	-	1	1	1	1	2	3	3	3	2	3	1	1	1	1
29	1	1	1	2	2	3	3	4	6	5	2	2	2	2	2	5	3	5	5	3	3	2	2	3	3
30	3	1	1	1	2	2	1	2	1	1	1	0	1	1	2	2	2	2	2	1	1	2	3	3	2
31	4	1	2	2	1	1	2	2	7	5	6	4	5	5	4	3	3	3	3	3	4	2	3	-	3
MEAN	4	4	3	3	3	3	3	4	4	4	4	4	3	4	4	4	4	5	4	4	4	4	3	4	3.8

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	3.6	7	19
FEB	28	4.1	11	59
MAR	27	4.5	11	32
APR	30	3.7	9	26
MAY	25	3.7	8	14
JUN	19	3.2	9	15
JUL	29	4.3	8	33
AUG	31	2.6	5	10
SEP	29	3.6	9	31
OCT	31	2.6	7	25
NOV	30	3.6	10	32
DEC	31	3.8	10	16
YEAR	336	3.6	11	59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	500	129	10	0	0	0	0	639
FEB	491	93	51	4	3	1	1	644
MAR	450	168	36	1	1	0	0	656
APR	538	135	20	1	0	0	0	694
MAY	491	104	10	0	0	0	0	605
JUN	360	71	18	0	0	0	0	449
JUL	511	151	25	6	1	0	0	694
AUG	670	61	0	0	0	0	0	731
SEP	543	126	21	2	1	0	0	693
OCT	644	70	3	1	0	0	0	718
NOV	566	93	25	2	1	0	0	687
DEC	547	150	32	0	0	0	0	729
YEAR	6311	1351	251	17	7	1	1	7939

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
90.6	0	0.0	1.2	2.3	3.9	7.0	8.9	12.0	14.4	59	3.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	6	6	4	2	2	2	2	2	2	3	3	4	3	2	3	1	1	1	1	1	1	1	3
2	1	1	1	1	1	1	1	3	****	3	3	3	3	3	4	****	4	4	3	2	-	-	-	3	2
3	3	2	2	2	2	3	3	4	6	4	5	4	4	4	3	****	****	3	3	3	2	1	2	2	3
4	1	1	1	2	1	1	2	3	4	3	3	3	3	3	3	4	4	4	4	2	1	1	1	0	2
5	0	1	1	0	0	0	2	4	5	4	3	4	4	****	6	8	10	8	9	10	10	10	****	8	5
6	6	5	5	6	7	9	9	9	9	8	6	5	7	5	5	7	8	7	5	4	4	4	5	5	6
7	4	5	4	5	5	5	5	7	5	5	5	4	3	3	3	4	4	4	4	4	4	3	3	3	4
8	2	2	2	2	3	2	3	6	7	6	4	3	3	3	5	5	7	7	14	14	9	5	6	5	5
9	5	4	2	2	2	2	3	5	4	2	5	4	4	4	6	7	10	8	6	5	6	5	6	6	5
10	7	4	4	4	4	4	7	8	10	8	7	6	4	****	3	3	4	4	4	3	4	5	****	4	5
11	4	4	8	8	8	9	18	31	42	27	14	6	5	4	5	5	7	10	-	-	-	29	24	14	13
12	9	6	6	4	4	5	5	6	7	4	5	5	4	5	4	4	9	14	-	-	12	11	9	6	7
13	6	6	4	4	5	4	4	5	6	5	5	4	4	5	4	5	7	5	4	6	5	6	****	6	5
14	8	10	5	5	4	5	3	2	1	2	2	1	1	2	2	2	2	1	1	1	1	2	2	1	3
15	1	1	1	2	2	3	5	7	8	6	5	6	5	5	4	5	7	6	7	7	4	5	5	6	5
16	4	4	3	3	4	4	5	7	8	6	5	4	31	9	6	7	10	15	24	19	21	16	16	13	10
17	8	6	5	4	3	4	6	7	8	7	9	14	7	6	6	6	5	4	3	2	2	2	2	2	5
18	2	2	2	1	****	1	3	4	3	2	-	-	2	2	4	4	14	6	7	6	4	4	7	6	4
19	13	7	4	4	6	7	9	13	10	6	5	4	-	5	5	7	6	6	5	5	6	6	4	4	6
20	3	3	3	4	3	4	5	6	6	5	6	7	6	5	6	6	6	5	7	6	6	7	6	5	5
21	5	4	4	3	3	2	2	2	3	3	2	2	3	2	1	2	1	1	1	1	1	1	1	1	2
22	1	1	1	1	0	-	1	2	2	2	2	1	1	2	1	3	3	****	4	3	5	4	5	2	2
23	2	2	1	1	2	3	3	6	4	3	3	5	5	5	4	4	5	4	3	4	4	5	4	3	4
24	3	3	2	2	2	3	3	4	-	-	****	5	5	4	6	7	6	6	10	8	9	7	7	6	5
25	5	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	0	0	2	2	1	1	6	6	3	3	3	3	2	5	4	3	3	3	3	2	2
27	2	2	1	1	1	1	1	2	3	3	5	5	5	5	6	7	6	4	4	4	4	4	4	4	4
28	4	5	4	3	2	2	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	3	2	3	3	3	3	8	3	4	5	4	5	3	3	3	3	2	3
30	2	2	2	2	2	2	2	3	4	3	3	3	2	2	3	3	4	-	3	3	2	2	2	2	3
31	3	2	2	1	2	2	3	4	3	2	2	6	2	2	1	2	2	2	2	2	1	2	1	1	2
MEAN	4	3	3	3	3	3	4	5	6	5	4	4	5	4	4	4	5	5	5	5	5	5	5	4	4.3

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	3	****	3	2	2	2	2	1	2	2	2
2	-	-	-	-	-	-	-	****	4	3	3	3	2	2	2	4	4	6	7	7	9	10	15	19	6
3	27	37	31	25	24	26	24	20	18	14	13	10	6	5	4	5	6	6	9	6	6	9	5	5	14
4	6	8	5	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3
5	2	2	1	1	1	1	2	3	4	26	3	2	3	2	2	3	-	5	6	6	4	5	6	8	4
6	6	6	6	7	8	7	13	15	17	13	9	7	6	5	6	7	7	10	7	6	5	5	5	6	8
7	7	8	8	8	8	10	11	12	9	7	6	6	6	6	6	6	8	10	12	12	5	3	3	3	8
8	2	2	2	2	3	2	3	5	5	4	3	3	2	3	3	3	3	3	3	3	4	2	3	2	3
9	3	2	2	2	2	1	3	4	5	3	3	3	3	2	16	34	6	6	13	18	14	9	9	10	7
10	5	7	5	4	5	5	5	5	3	2	3	3	3	3	3	3	3	3	5	5	6	6	5	4	4
11	5	6	5	3	5	3	5	4	4	4	4	3	5	4	4	4	4	4	5	5	7	9	8	9	5
12	9	5	5	4	3	5	5	5	5	5	5	6	5	4	4	6	5	5	8	7	6	4	5	5	5
13	4	4	3	3	3	2	3	5	5	4	3	2	2	2	22	2	3	4	****	8	7	7	8	8	5
14	10	8	5	6	3	4	4	5	6	5	4	4	4	4	4	6	5	4	4	4	4	4	3	4	5
15	3	3	3	4	4	4	4	4	4	3	3	3	3	3	3	4	3	2	-	2	2	2	3	2	3
16	1	2	2	1	1	1	3	3	3	2	2	2	2	2	2	-	3	3	3	3	4	4	3	3	2
17	-	3	2	2	3	2	3	3	3	3	2	3	3	-	3	3	3	3	4	6	6	6	9	6	4
18	5	6	5	3	3	****	****	3	****	****	****	****	****	****	****	****	****	****	****	****	-	3	4	****	******
19	2	2	4	4	4	5	7	12	11	12	11	5	3	4	3	21	7	10	15	16	9	8	10	6	8
20	4	5	5	4	5	10	12	16	12	10	8	6	6	7	7	7	9	11	13	13	11	8	8	7	9
21	8	7	6	5	4	6	7	9	8	7	7	7	5	4	4	5	6	6	5	5	4	3	3	3	6
22	3	2	2	2	2	3	4	6	6	4	3	2	3	4	3	4	7	5	6	6	5	4	3	3	4
23	3	3	2	2	2	4	4	6	5	4	7	6	6	8	****	****	****	****	****	****	****	****	****	****	******
24												-	DATA	INVALID	-										
25												-	DATA	INVALID	-										
26												-	DATA	INVALID	-										
27	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	4	5	5	7	7	7	8	11	8	******
28	10	11	18	17	16	16	27	31	26	16	14	9	10	9	7	9	10	12	15	15	12	11	10	8	14
MEAN	6	6	6	5	5	6	7	8	7	7	5	4	4	4	5	7	5	6	7	7	6	6	6	6	5.8

PERCENTAGE OF DATA VALID - 81.0 PERCENTAGE OF DATA INVALID - 17.1 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	3	6	7	8	8	10	10	9	11	9	9	11	11	15	13	17	19	22	17	10	7	6	10
2	3	2	1	2	1	****	2	4	4	3	4	5	6	6	4	****	12	-	****	12	13	12	6	5	5
3	5	5	5	4	5	5	9	7	8	9	7	8	6	6	7	7	8	7	8	7	6	5	4	3	6
4	4	3	3	3	2	2	2	2	2	2	2	2	4	4	5	5	5	4	4	4	4	9	5	5	4
5	4	3	2	1	1	2	4	5	6	5	6	6	5	6	7	0	****	****	****	11	7	10	8	5	5
6	4	3	1	2	3	3	5	9	7	6	6	5	5	4	****	6	8	7	6	6	9	10	11	14	6
7	9	9	11	9	8	9	10	13	9	7	5	5	4	5	5	4	5	6	7	6	5	5	7	9	7
8	6	4	3	3	4	5	6	9	6	3	3	3	3	3	2	2	3	3	5	6	6	6	8	9	5
9	11	11	14	17	21	26	27	22	20	11	9	6	4	4	5	5	7	7	6	7	6	6	7	6	11
10	6	6	5	4	4	3	5	5	5	5	6	6	7	4	4	4	6	5	3	3	3	3	3	1	4
11	1	1	1	1	0	1	0	1	1	1	1	1	3	2	3	3	3	3	3	3	3	3	2	1	2
12	1	1	1	0	0	1	1	3	3	3	2	2	2	****	2	3	3	4	8	14	9	8	-	6	4
13	4	3	4	4	4	3	5	7	7	6	6	7	6	7	6	7	5	4	5	5	5	4	4	4	5
14	2	2	2	2	2	2	2	3	3	2	2	3	2	****	3	3	3	2	1	1	1	1	1	1	2
15	1	0	0	0	0	1	2	2	1	2	2	2	1	1	2	3	3	3	5	8	18	20	20	20	5
16	9	6	4	4	3	-	6	6	7	7	6	6	7	****	8	7	7	6	12	16	11	8	7	7	7
17	7	9	8	6	8	10	18	18	13	10	8	8	11	7	6	6	6	7	12	18	18	18	31	23	12
18	17	24	27	18	8	6	8	9	11	13	8	6	7	5	5	5	7	6	8	9	11	11	12	7	10
19	3	2	3	2	2	2	3	4	5	****	4	4	4	4	3	4	4	4	4	4	3	4	6	4	4
20	3	2	4	6	8	8	15	10	9	8	7	5	5	5	4	4	5	-	****	12	17	****	46	47	11
21	27	14	16	11	8	11	30	25	12	10	9	7	4	5	5	5	5	7	13	15	13	16	22	24	13
22	27	22	20	13	13	20	25	31	15	12	8	5	5	7	6	7	8	7	8	7	7	8	8	7	12
23	5	5	6	7	7	9	9	11	11	8	7	6	6	5	5	6	6	9	9	10	8	9	8	6	7
24	6	6	5	6	6	8	8	8	7	8	8	12	12	13	13	10	12	8	7	6	5	4	5	3	8
25	3	3	3	2	1	1	2	2	2	2	2	3	3	3	3	3	3	2	1	1	1	1	1	1	2
26	1	0	0	0	0	1	1	1	2	****	****	2	2	3	3	3	4	4	3	4	4	3	4	2	2
27	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	5	8	11	3
28	12	8	6	5	5	7	9	7	4	3	3	1	1	2	3	3	4	5	3	3	3	4	4	4	5
29	4	4	4	5	5	11	10	10	8	7	5	5	5	****	****	4	6	5	6	7	5	5	4	4	6
30	4	2	2	3	2	2	3	7	-	8	6	7	7	7	6	6	9	8	12	14	9	8	5	6	6
31	2	4	3	2	1	1	1	1	1	1	1	1	2	****	****	2	2	2	2	1	****	1	1	1	2
MEAN	6	5	5	5	5	6	8	8	7	6	5	5	5	5	5	5	6	6	7	8	8	7	9	8	6.2

PERCENTAGE OF DATA VALID - 96.6 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2													- DATA INVALID -												
3.	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	3	3	4	6	6	6	4	******
4	4	3	****	2	2	3	5	6	4	4	4	2	2	2	2	4	****	4	4	4	4	4	4	4	4
5	2	2	2	1	1	****	2	4	-	-	****	5	5	6	6	8	9	6	5	4	4	4	3	2	4
6	1	3	1	****	1	1	1	1	2	1	****	1	1	****	****	3	3	3	3	3	2	2	1	1	2
7	1	1	1	1	1	1	2	1	1	2	3	3	4	3	3	3	3	3	4	3	4	4	6	7	3
8	7	5	4	2	1	1	1	3	4	4	3	2	3	6	5	4	4	3	2	2	2	1	2	2	3
9	3	2	2	2	2	2	2	3	2	2	****	1	1	1	2	2	3	3	4	3	2	1	1	2	2
10	1	1	0	1	1	1	5	5	3	2	2	2	2	1	1	2	3	2	3	4	5	6	7	7	3
11	9	11	7	7	4	4	5	5	3	3	3	2	2	2	2	3	3	3	4	4	4	2	3	3	4
12	1	1	1	1	1	1	1	2	2	2	3	3	4	4	4	4	4	4	4	5	3	3	4	2	3
13	2	2	2	2	1	1	1	1	2	3	4	4	5	5	6	7	7	5	5	5	3	2	2	2	3
14	2	2	4	3	1	1	1	3	3	3	4	4	5	4	4	5	4	2	2	2	2	1	2	1	3
15	1	2	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	****	3	5	****	5	5	4	2
17	2	1	1	0	1	1	1	1	1	1	1	1	1	-	-	1	1	3	3	2	2	2	2	2	1
18	1	1	1	1	2	1	3	3	3	2	1	****	-	-	1	1	1	1	1	2	2	2	5	5	2
19	3	3	3	4	4	5	5	3	2	1	1	1	1	16	2	2	3	3	3	4	5	6	7	8	4
20	11	13	18	17	15	16	17	23	9	7	5	5	5	4	4	5	7	7	12	8	11	11	11	17	11
21	10	9	12	15	11	11	11	10	6	5	5	8	8	6	5	8	10	6	8	11	9	7	9	6	9
22	5	6	4	4	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	5	8	12	21	30	5
23	21	15	7	7	7	12	23	16	11	7	3	6	5	5	6	5	6	8	13	14	14	19	26	26	12
24	24	19	16	15	12	11	12	14	15	13	11	****	8	8	7	7	6	6	6	9	14	13	10	9	12
25	8	7	6	5	7	****	14	16	18	13	11	10	8	8	6	6	7	6	11	14	11	8	5	5	9
26	4	4	4	4	4	5	4	5	7	7	7	5	6	6	6	6	6	8	12	13	3	3	3	1	6
27	1	1	1	1	1	1	1	1	2	****	****	3	3	3	3	3	4	4	4	4	4	4	4	3	3
28	2	2	1	****	1	2	1	2	3	3	3	4	8	7	6	4	4	4	3	3	3	2	3	2	3
29	1	1	2	1	1	1	1	1	1	1	2	3	1	2	3	5	4	1	3	5	6	6	8	7	3
30	5	5	4	4	4	5	7	7	7	7	6	5	4	4	4	4	5	4	5	2	3	3	3	1	5
MEAN	5	4	4	4	3	3	5	5	4	4	4	3	4	5	4	4	4	4	5	5	5	5	6	6	4.4

PERCENTAGE OF DATA VALID - 89.2 PERCENTAGE OF DATA INVALID - 10.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	3	3	3	2	2	2	****	2	2	3	1	1	1	2	3	9	20	16	4
2	14	12	12	17	20	23	23	16	8	8	5	6	6	5	4	5	5	10	6	7	6	6	5	3	10
3	2	3	3	3	2	4	5	6	6	7	7	7	****	****	7	4	3	2	2	2	1	1	1	1	4
4	1	1	1	1	2	****	****	2	1	1	3	1	3	3	3	4	-	3	3	5	7	3	4	2	3
S	1	1	1	1	2	4	2	1	1	1	1	2	3	3	4	4	4	6	4	4	2	4	1	2	2
6	2	2	3	4	4	4	4	4	6	6	7	7	6	5	4	4	5	3	2	3	5	5	6	4	4
7	3	3	3	****	****	****	****	7	6	5	****	6	7	6	6	7	5	5	4	5	6	8	7	7	6
8	8	8	9	9	12	10	10	11	****	8	8	8	7	7	7	7	6	6	7	8	7	5	S	5	8
9	8	8	12	8	10	19	16	10	7	6	6	5	5	6	5	6	5	6	7	8	12	12	15	11	9
10	6	4	4	7	9	12	1S	13	12	9	8	10	8	7	7	7	7	7	6	10	11	11	9	9	9
11	10	11	13	13	14	15	17	17	15	13	13	12	****	****	8	9	11	11	12	10	14	13	14	10	13
12	8	6	6	4	5	5	4	4	4	4	4	4	3	2	3	3	3	3	2	2	1	1	1	1	3
13	1	1	1	0	0	1	1	1	1	1	1	1	1	1	3	3	4	4	4	5	5	3	3	2	2
14	1	2	3	4	4	8	10	8	4	4	****	3	4	4	4	4	4	6	8	3	5	6	3	2	5
1S	2	2	1	1	3	4	5	6	****	15	****	3	3	2	2	4	3	2	2	2	2	2	2	1	3
16	1	1	1	1	1	2	3	2	2	1	1	2	2	2	2	3	2	3	3	3	5	9	12	11	3
17	-	15	11	****	12	****	25	13	8	S	4	4	5	5	4	4	4	3	3	4	9	12	13	9	8
18	8	7	8	9	10	14	16	16	****	7	6	6	4	4	4	4	3	4	4	8	16	24	12	8	9
19	6	4	4	6	6	8	7	7	7	****	6	4	5	5	5	5	5	5	5	6	6	8	7	5	6
20	5	5	4	4	4	5	3	3	3	3	2	4	4	4	3	3	3	2	2	3	4	5	9	12	4
21	****	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2	1	2
22	6	2	4	5	4	7	9	4	1	1	1	1	****	1	S	11	16	25	32	42	36	34	26	32	13
23	43	49	30	23	24	51	49	38	34	26	9	6	4	3	3	3	5	7	7	4	5	5	6	3	18
24	3	2	1	1	2	2	4	4	12	35	9	5	4	4	7	8	7	8	6	6	5	4	3	5	6
2S	3	1	1	1	-	****	2	4	2	2	8	5	****	****	4	4	4	2	2	2	3	2	3	3	3
26	3	2	2	2	2	2	2	2	3	3	4	3	3	4	4	4	4	4	4	4	4	4	6	4	3
27	7	2	2	4	2	1	2	2	3	4	4	4	5	4	3	5	4	4	5	4	6	6	5	7	4
28	5	6	5	9	S	8	16	13	9	5	4	4	5	5	5	5	5	5	4	3	5	6	7	5	6
29	7	9	11	13	12	14	21	26	2S	16	8	5	4	6	7	6	7	5	3	6	10	11	16	11	11
30	7	5	4	4	3	6	4	6	4	****	2	2	2	3	5	5	5	5	6	3	8	14	21	19	6
31	16	14	10	9	12	13	12	8	4	4	3	3	****	3	3	3	3	3	5	6	5	5	3	3	7
MEAN	6	6	6	6	7	9	10	8	7	7	5	4	4	4	4	5	5	5	5	6	7	8	8	7	6.2

PERCENTAGE OF OATA VALIO - 96.0 PERCENTAGE OF OATA INVALIO - 3.6 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	5	4	4	3	****	5	S	-	-	6	7	10	13	12	11	7	5	S	6	6
2	7	7	5	S	S	5	4	4	3	5	4	3	3	3	3	3	3	6	8	6	6	9	8	4	5
3	6	4	4	5	6	7	6	4	5	3	3	5	5	4	5	5	3	3	5	6	6	9	8	4	5
4	5	9	10	4	6	12	16	13	9	6	6	5	6	6	6	7	8	9	9	7	6	9	8	7	8
5	6	6	7	5	7	7	6	6	****	****	4	-	3	3	4	3	4	3	3	4	4	6	5	2	5
6	3	2	2	2	2	4	4	4	4	4	4	3	3	4	4	4	5	6	6	6	6	10	9	5	4
7	5	5	5	6	7	9	10	8	7	7	6	6	6	6	6	6	6	6	6	6	6	5	5	5	6
8	3	3	4	4	4	6	7	7	5	4	6	6	5	****	****	****	****	****	****	****	****	****	****	****	******
9												- OATA INVALIO -													
10												- OATA INVALIO -													
11	****	****	****	****	****	****	****	****	****	****	****	1	2	****	2	2	2	-	-	2	2	2	2	3	******
12	2	****	2	2	3	7	5	4	3	11	8	4	3	3	2	2	2	2	****	3	3	5	6	6	4
13	9	6	6	6	10	15	25	9	3	2	****	****	2	S	S	8	6	6	7	7	7	11	13	11	8
14	****	****	****	56	****	****	30	12	9	6	S	4	4	4	5	5	5	5	5	6	5	6	3	3	9
15	4	3	3	5	7	8	8	6	5	S	****	****	****	****	4	5	5	6	6	5	7	7	10	5	6
16	5	4	4	4	4	5	4	4	3	3	3	2	2	2	3	3	3	5	6	4	4	5	7	5	4
17	4	3	2	2	3	4	3	4	4	4	4	S	6	5	4	4	4	3	4	3	2	2	2	2	3
18	1	1	1	0	****	1	2	2	2	1	****	1	****	-	4	-	-	-	4	5	6	9	8	5	3
19	7	8	7	7	6	9	9	5	3	2	2	2	2	2	3	3	3	3	2	2	3	4	4	4	4
20	4	4	S	5	6	7	7	7	5	4	3	3	3	3	3	4	5	5	4	3	3	4	7	5	5
21	5	5	5	5	6	6	7	7	6	7	7	6	6	6	6	7	9	8	8	11	12	9	9	9	7
22	9	9	9	8	8	9	10	13	11	8	****	6	6	5	5	4	-	5	3	3	3	3	3	3	7
23	3	1	1	1	1	1	1	1	2	2	3	3	2	2	2	3	2	2	3	2	2	3	3	2	2
24	3	2	****	1	1	1	1	****	1	1	1	1	****	1	1	2	1	2	2	3	4	4	5	2	2
25	2	3	3	3	3	S	6	2	2	2	1	1	1	1	1	2	-	7	7	4	6	11	32	23	6
26	14	10	9	9	8	15	15	9	****	4	4	3	3	3	3	3	3	3	3	5	S	4	3	2	6
27	3	4	3	2	3	5	6	6	S	4	3	3	3	3	3	3	5	5	6	6	5	S	4	4	4
28	3	2	2	2	2	3	4	4	3	3	3	4	3	3	3	3	3	3	2	3	5	7	10	16	4
29	12	9	6	5	5	8	11	10	6	6	7	7	****	5	S	6	6	S	5	5	5	5	S	-	7
30	6	5	4	4	4	5	S	5	S	S	5	6	5	5	4	-	4	4	5	6	5	4	5	4	5
MEAN	5	5	4	6	5	6	8	6	5	4	4	4	4	4	4	4	4	5	5	5	5	6	7	6	5.1

PERCENTAGE OF OATA VALIO - 84.9 PERCENTAGE OF OATA INVALIO - 13.3 PERCENTAGE OF OATA UNAVAILABLE - 1.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	2	2	2	3	5	5	6	6	6	6	5	5	5	4	4	3	3	3	3	2	2	4
2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	2	2
3	2	2	1	2	1	4	5	2	2	2	****	2	1	1	2	2	1	1	1	2	4	3	3	4	2
4	3	2	1	2	2	2	2	****	****	2	1	1	2	1	1	2	1	2	2	1	2	2	2	2	2
5	1	1	1	1	1	2	3	2	1	1	1	****	1	2	2	2	2	1	2	2	3	3	3	2	2
6	3	3	2	2	2	5	6	5	1	1	2	2	****	****	2	2	2	1	2	3	4	6	9	8	3
7	9	7	6	5	5	7	8	6	2	1	1	1	1	1	1	1	1	2	2	2	5	12	15	16	5
8	16	19	17	10	9	8	9	4	2	2	2	2	2	2	2	2	1	2	2	3	5	6	6	3	6
9	3	4	3	5	6	7	9	8	6	6	7	5	****	****	****	4	****	4	5	4	4	3	4	3	5
10	2	2	2	5	5	4	6	7	3	1	4	-	3	5	4	3	2	2	2	3	6	12	13	17	5
11	11	6	2	5	5	7	9	8	6	3	3	2	2	****	3	4	4	4	7	11	8	6	7	6	6
12	5	4	3	3	4	10	11	9	6	4	4	3	3	3	3	3	3	3	5	5	7	11	7	6	5
13	6	7	8	8	6	7	10	9	6	4	****	2	3	2	2	2	2	2	2	5	6	7	4	6	5
14	5	7	8	4	4	6	5	5	6	4	5	4	3	3	3	3	4	4	4	4	4	4	3	3	4
15	3	3	3	3	2	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	5	4	5	3
16	6	8	7	6	5	6	7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
17	****	****	****	****	****	****	****	-	4	4	4	4	4	4	2	3	3	3	3	3	4	4	3	3	3
18	2	2	2	1	2	3	3	3	3	2	2	2	3	3	3	4	3	5	3	4	6	6	9	10	4
19	7	10	9	10	9	12	16	17	****	****	4	2	3	3	3	3	3	4	4	5	8	9	8	5	7
20	5	4	5	6	7	11	15	19	7	4	2	3	3	3	3	3	3	4	5	6	6	12	12	16	7
21	****	15	12	10	10	12	15	11	5	3	2	2	2	2	2	3	3	3	3	3	5	8	6	6	6
22	7	6	3	4	5	5	-	4	3	3	2	3	2	3	3	2	4	4	3	5	6	9	10	8	5
23	****	6	5	4	4	8	10	8	6	6	6	6	6	5	5	6	6	6	6	5	5	6	5	7	6
24	6	7	7	8	8	8	11	10	8	8	8	8	****	7	7	7	6	7	7	6	6	6	5	5	7
25	5	6	6	6	7	8	8	7	7	6	6	6	6	7	6	7	7	7	7	9	9	8	6	6	7
26	7	7	7	7	7	8	8	8	8	7	7	7	7	7	6	****	8	6	5	5	6	7	7	10	7
27	8	8	4	3	3	4	4	4	4	4	5	6	5	-	4	-	23	4	4	5	7	6	5	5	6
28	4	4	3	3	4	5	6	6	6	5	5	6	6	6	5	5	5	5	3	6	6	6	8	6	5
29	7	6	5	4	2	4	4	3	2	2	1	2	2	2	2	3	3	3	2	3	4	7	9	10	4
30	13	10	12	10	8	9	11	7	-	-	3	2	3	2	3	3	3	3	3	3	3	3	3	3	5
31	3	2	2	3	4	5	7	6	6	6	6	5	5	6	6	3	5	4	4	6	6	4	4	3	5
MEAN	6	6	5	5	5	6	7	7	4	4	4	4	3	3	3	3	4	3	4	4	5	6	6	6	4.8

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 5.6 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	5	6	5	3	3	3	3	3	4	5	5	6	5	5	4	4	3	****	4
2	****	****	****	****	****	****	****	****	4	4	5	5	3	****	3	4	4	4	4	7	9	9	7	4	******
3	3	4	5	3	5	7	15	13	7	5	4	4	4	4	4	5	4	4	4	6	6	5	5	4	5
4	5	5	4	4	4	5	5	4	4	2	3	2	2	3	3	3	4	3	4	4	5	5	4	3	4
5	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	5	6	3
6	5	3	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	4	5	5	3	2
7	2	2	2	2	2	3	6	6	4	****	****	4	****	4	5	5	5	4	4	4	3	3	3	3	4
8	4	4	8	9	5	8	12	11	6	6	6	4	6	5	5	4	5	****	4	6	4	2	3	3	6
9	4	3	3	3	4	4	6	5	5	5	2	4	3	2	3	4	5	5	4	3	3	2	2	2	4
10	3	4	3	3	3	3	4	4	****	****	9	9	2	2	2	2	2	1	2	2	2	2	2	2	3
11	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
12	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	3	4	4	3	2	2
13	3	5	3	4	5	11	13	10	6	3	3	2	****	****	3	4	3	3	3	3	2	2	2	1	4
14	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1
15	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	3	3	3	2	1	1
16	1	2	1	2	6	7	4	3	2	1	1	1	1	1	1	1	2	1	2	5	7	9	7	5	3
17	5	4	5	5	6	8	10	6	4	4	2	2	2	-	4	3	3	3	4	4	4	-	4	4	4
18	2	2	1	1	2	3	3	3	4	4	5	4	4	3	3	4	6	6	6	7	7	9	8	7	4
19	6	4	3	4	4	4	2	1	1	1	1	2	1	1	0	0	0	1	2	3	3	3	2	1	2
20	2	2	1	1	1	3	6	6	5	4	2	1	1	1	1	1	2	4	3	8	10	8	6	4	3
21	3	3	3	2	2	3	5	5	3	2	1	1	1	1	1	1	1	1	1	3	5	12	7	11	3
22	6	5	4	5	4	5	6	7	4	2	2	1	1	1	2	1	1	2	3	3	2	3	2	2	3
23	1	1	1	1	1	2	4	5	5	5	5	5	7	6	7	7	6	6	6	5	5	5	5	5	4
24	3	3	4	4	5	6	6	6	5	6	-	7	7	-	-	-	5	5	7	7	7	6	5	4	5
25	4	4	3	4	3	4	5	5	4	3	3	3	3	3	4	3	3	3	3	2	2	5	5	5	4
26	7	6	3	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2	2
27	2	1	1	2	2	2	6	7	3	3	2	1	2	2	-	3	2	2	2	4	2	1	2	2	2
28	2	2	1	1	2	2	4	5	5	3	2	2	2	2	2	3	2	2	3	3	3	2	2	1	2
29	1	1	1	1	2	4	5	5	4	4	4	2	2	3	4	7	3	3	2	2	3	3	2	2	3
30	2	2	2	1	2	3	7	6	5	3	2	2	2	2	2	2	2	1	2	3	5	4	4	4	3
31	4	4	2	2	2	3	8	13	10	5	2	2	1	1	-	3	3	2	3	4	6	6	7	7	4
MEAN	3	3	3	2	3	4	5	5	4	3	3	3	2	2	3	3	3	3	3	4	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	5	5	4	4	3	2	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	3
2	2	1	1	2	2	2	2	2	2	2	4	4	4	2	2	1	1	1	2	2	4	3	3	3	2
3	1	2	2	2	2	1	2	2	1	1	0	1	2	1	1	1	1	1	1	2	3	3	1	1	1
4	1	0	1	1	1	2	3	5	4	4	2	1	1	1	1	1	1	1	2	6	7	6	10	7	3
5	4	2	2	2	2	4	6	6	3	-	-	3	2	2	3	3	2	2	3	3	3	3	3	4	3
6	3	2	2	1	2	3	7	6	3	3	2	2	2	2	2	2	2	3	3	4	4	4	2	1	3
7	1	1	0	0	0	2	5	5	2	-	19	2	2	2	3	2	1	1	3	1	1	2	3	3	3
8	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	7	5	6	6	2
9	6	2	3	4	4	5	5	3	2	1	1	1	2	-	2	2	2	3	3	6	9	10	6	4	4
10	10	3	2	4	4	5	5	4	-	2	2	2	-	3	4	4	4	4	5	5	3	3	2	2	4
11	1	1	0	1	1	1	2	3	1	1	1	1	1	1	1	-	2	2	3	5	4	5	4	3	2
12	3	2	1	1	2	6	6	6	5	3	2	2	1	1	1	1	2	2	4	6	3	2	3	3	3
13	3	2	3	1	3	3	5	5	5	6	6	6	6	6	6	6	6	6	6	7	9	9	7	5	5
14	4	4	3	3	3	4	4	4	3	11	2	-	1	1	1	2	2	2	3	6	5	6	4	1	3
15	4	4	2	2	3	2	2	2	2	3	3	3	3	3	3	2	2	4	6	17	25	10	10	8	5
16	5	4	3	3	2	2	3	3	2	2	2	2	2	1	1	2	2	3	6	9	8	9	5	5	4
17	5	5	3	2	2	5	12	9	6	4	-	4	4	3	4	4	4	4	8	7	6	5	7	5	5
18	4	3	1	2	3	3	6	6	4	4	3	3	3	3	4	4	8	4	5	-	3	2	1	1	3
19	0	0	0	0	0	3	3	3	1	2	2	1	1	2	2	2	2	-	4	4	4	4	5	7	2
20	6	5	7	6	3	6	13	21	11	4	3	4	5	4	3	4	4	5	6	7	7	7	7	6	6
21	4	4	4	5	5	6	8	9	7	6	5	4	-	-	4	4	3	4	3	3	-	4	3	2	5
22	4	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	1	2	2	4	2
23	5	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	3	3	4	6	3	2
24	2	2	2	2	2	4	9	7	-	-	2	2	2	2	2	3	3	3	6	7	6	6	4	4	4
25	4	5	6	5	6	12	28	28	19	6	4	3	3	2	3	4	5	4	7	6	11	20	29	23	10
26	4	2	2	2	2	8	19	15	6	3	3	3	2	1	2	2	2	3	7	9	9	11	13	14	6
27	11	9	8	8	12	12	19	19	16	5	3	2	2	3	3	3	3	3	6	7	7	6	6	6	7
28	7	4	3	2	3	6	6	6	5	5	5	4	5	4	-	5	5	5	6	8	6	4	6	8	5
29	13	9	6	6	4	4	6	9	8	6	5	5	3	3	3	3	3	3	7	6	4	6	5	8	6
30	10	5	2	1	1	1	1	1	2	4	3	3	3	3	3	2	3	3	3	4	4	3	4	3	3
MEAN	5	3	3	3	3	4	7	7	4	3	3	3	2	2	2	3	3	3	4	6	6	6	6	5	3.9

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	5	4	3	2	2	3	3	-	4	4	4	5	5	5	6	5	-	3	3
2	2	2	3	3	3	4	5	4	4	4	4	3	3	3	4	4	3	3	3	2	2	2	1	1	3
3	1	1	1	1	1	1	2	3	3	5	3	3	3	3	3	4	5	3	5	5	3	3	2	2	3
4	2	2	2	3	2	4	7	7	6	5	3	3	3	3	4	4	3	3	6	6	6	7	5	5	4
5	2	3	2	3	5	8	15	19	10	8	-	-	-	4	5	5	5	5	6	6	5	4	5	4	6
6	4	4	4	4	4	4	4	4	4	5	4	4	4	3	4	5	6	5	5	6	5	5	5	5	4
7	4	3	3	2	2	2	3	3	2	2	2	3	3	3	3	3	3	3	4	5	4	4	5	5	3
8	5	-	3	3	2	2	4	3	3	3	4	5	5	5	5	5	5	5	5	5	6	6	6	6	4
9	5	4	3	3	3	3	4	4	4	4	-	-	3	-	5	5	5	5	6	5	5	5	5	5	4
10	5	5	-	-	3	-	5	4	5	4	4	4	5	6	6	6	7	6	6	6	6	6	6	5	5
11	5	4	4	5	4	4	5	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	******
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	6	6	5	4	4	4	4	******
13	4	4	3	3	2	3	3	3	3	4	4	4	4	5	5	5	5	5	5	6	5	5	6	6	4
14	5	3	4	3	3	4	4	5	4	4	4	4	5	5	5	5	6	6	7	7	6	6	6	5	5
15	5	5	5	5	5	6	6	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	4	3	3	3	3	4	5	5	4	4	3	4	4	4	4	5	5	5	5	5	5	5	5	4	4.2

PERCENTAGE OF DATA VALID - 41.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 58.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
8												- OATA UNAVAILABLE -													
9												- OATA UNAVAILABLE -													
10												- OATA UNAVAILABLE -													
11												- OATA UNAVAILABLE -													
12												- OATA UNAVAILABLE -													
13												- OATA UNAVAILABLE -													
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	14	12	13	12	15	19	16	******
15	12	10	9	9	10	10	13	13	16	13	12	12	12	12	12	14	14	13	14	11	10	10	8	8	12
16	7	7	7	7	6	6	9	13	13	9	8	11	12	11	6	5	7	10	8	8	4	4	4	5	8
17	4	4	2	2	2	2	2	3	5	8	5	6	7	6	6	6	11	14	24	41	56	56	76	53	17
18	45	55	51	40	36	33	27	22	20	10	7	5	7	6	7	6	6	8	13	11	18	6	6	5	19
19	3	3	3	6	9	10	15	20	21	19	-	-	4	5	6	9	11	10	7	5	4	4	4	5	8
20	4	3	2	2	2	3	5	5	6	6	4	3	3	3	3	3	4	4	4	7	5	4	6	3	4
21	-	-	-	-	-	-	-	2	2	2	2	3	3	3	3	5	4	-	4	4	3	4	7	6	4
22	4	2	2	2	2	3	4	4	5	5	4	5	5	4	5	6	5	5	4	4	3	3	4	3	4
23	2	2	1	1	2	2	-	3	8	-	-	5	4	5	5	5	7	7	6	5	4	3	4	-	4
24	4	-	-	-	-	-	-	-	2	2	2	2	4	3	3	4	8	9	11	14	14	-	8	9	6
25	13	21	14	9	6	4	2	2	2	2	2	2	2	4	5	4	3	-	-	-	-	-	-	-	6
26	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	2	4	2	2	4	2	1	3	2	******
27	1	1	1	1	1	1	1	3	3	3	3	3	3	4	4	5	10	9	7	7	4	3	2	4	4
28	2	2	1	1	1	1	1	1	2	2	2	2	2	2	3	4	4	7	4	4	4	3	2	2	2
29	2	2	2	2	2	2	3	6	7	5	3	3	-	-	-	-	-	-	6	5	4	4	5	4	4
30	3	2	2	2	1	1	2	3	3	5	4	5	5	5	5	6	9	9	11	11	7	7	7	6	5
MEAN	8	9	7	6	6	6	7	7	7	7	4	5	5	5	5	6	8	9	9	10	10	8	10	9	7.3

PERCENTAGE OF OATA VALIO - 47.8 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 52.2

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	3	3	4	3	3	4	4	3	3	3	3	4	-	4	6	10	7	6	3	3	2	4
2	2	3	1	1	1	1	1	3	2	2	1	1	1	1	3	5	6	5	2	2	5	6	5	6	3
3	4	4	4	4	3	4	6	8	9	6	4	4	4	4	5	-	-	6	7	6	3	4	4	4	5
4	2	2	3	3	3	4	5	6	7	6	6	4	4	4	3	5	8	13	9	8	7	5	5	5	5
5	5	4	4	2	3	5	5	6	5	4	4	4	3	4	5	5	5	5	5	6	5	5	5	3	4
8	3	2	2	2	2	2	4	9	9	5	5	6	6	6	7	15	13	9	8	7	6	6	6	6	6
7	5	4	3	5	6	6	5	5	6	5	6	5	5	4	-	5	7	5	8	5	4	5	2	2	5
8	0	0	0	0	0	0	0	0	0	1	1	2	3	2	2	3	3	3	-	3	2	3	3	3	1
9	3	3	2	1	1	2	1	3	3	3	5	3	6	6	7	8	7	5	3	4	4	5	5	6	4
10	4	3	3	4	6	7	13	22	23	8	5	5	5	8	11	-	13	10	9	8	5	6	5	4	8
11	2	1	1	1	1	2	3	5	6	5	5	5	4	5	5	6	6	6	4	4	3	3	3	2	4
12	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	3	3	1	1	1	2	1	1	2
13	0	0	0	0	0	0	0	1	3	3	4	4	4	4	4	4	6	4	3	3	2	3	3	2	2
14	3	3	3	3	2	1	1	3	4	3	-	4	4	-	-	-	5	6	6	10	12	11	9	15	5
15	11	11	13	12	7	7	7	7	6	7	5	5	7	8	6	7	11	14	13	12	8	7	5	4	8
16	4	3	3	3	3	3	4	5	5	6	5	5	6	3	2	1	1	0	0	0	1	1	0	1	3
17	0	1	1	1	1	1	1	5	4	3	3	3	4	3	3	3	5	5	3	5	5	5	4	3	3
18	3	4	5	5	5	5	5	7	9	8	7	7	7	8	8	8	9	9	9	9	6	3	2	4	6
19	3	3	3	3	2	3	4	5	8	8	7	7	6	6	5	7	8	6	5	5	4	3	4	3	5
20	3	3	2	3	3	3	4	5	6	6	6	6	6	8	8	9	11	13	13	13	13	14	15	14	8
21	13	10	10	8	8	8	9	13	12	-	7	6	6	6	7	7	9	10	8	8	7	6	6	7	8
22	7	5	5	5	5	6	6	6	6	6	8	10	11	10	11	10	10	9	8	7	7	6	6	6	7
23	4	6	5	5	4	4	2	2	6	7	6	7	9	7	6	7	8	10	9	8	9	11	10	10	7
24	6	6	5	6	3	3	3	3	4	4	2	4	4	5	6	6	6	4	4	3	4	3	3	4	4
25	4	3	3	2	1	1	1	2	1	1	3	1	1	1	1	1	1	1	1	1	1	3	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2
27	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	4	4	4	2	2	2	2	2	2	2
28	2	1	1	1	1	1	1	1	2	2	-	2	3	3	4	4	7	8	8	6	5	5	5	4	3
29	3	4	2	2	2	2	2	3	3	4	3	3	3	3	3	4	5	7	7	6	8	8	6	6	4
30	5	5	5	5	5	5	6	4	3	2	1	1	2	1	1	2	2	2	2	2	2	2	1	1	3
31	1	1	0	0	0	0	1	1	2	2	3	2	3	4	4	4	4	4	2	2	2	2	1	-	2
MEAN	4	3	3	3	3	3	3	5	5	4	4	4	4	4	5	5	6	6	6	5	5	5	4	4	4.4

PERCENTAGE OF OATA VALIO - 98.3 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.3	13	42
FEB	22	5.8	14	37
MAR	31	6.2	13	47
APR	27	4.4	12	30
MAY	31	6.2	18	51
JUN	26	5.1	9	56
JUL	30	4.8	7	23
AUG	30	3.3	6	15
SEP	30	3.9	10	29
OCT	12	4.2	6	19
NOV	15	7.3	19	76
DEC	31	4.4	8	23
YEAR	316	4.9	19	76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	546	146	17	5	2	1	0	717
FEB	345	141	44	10	4	0	0	544
MAR	396	227	76	16	2	2	0	719
APR	485	98	51	8	0	0	0	642
MAY	444	169	75	14	7	4	1	714
JUN	404	179	23	3	1	0	1	611
JUL	453	210	31	1	0	0	0	695
AUG	624	84	9	0	0	0	0	717
SEP	556	119	22	6	0	0	0	703
OCT	260	45	2	0	0	0	0	307
NOV	205	78	45	5	3	2	6	344
DEC	515	183	31	2	0	0	0	731
YEAR	5233	1679	426	70	19	9	8	7444

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
85.0	0	0.7	2.1	3.4	5.0	8.5	11.7	17.1	23.4	76	4.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	2	6	S	S	3	2	3	2	3	1	1	1	1	1	1	1	1	1	0	0	0	2
2	0	0	0	0	0	0	0	0	-	0	0	0	0	0	4	2	0	1	1	1	-	-	-	1	1
3	-	-	1	1	1	6	1	1	1	2	2	0	0	0	2	0	1	0	0	0	0	1	1	1	1
4	1	1	1	1	1	1	1	0	1	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	2
S	0	0	0	0	0	0	0	1	3	2	0	0	1	2	2	2	3	2	2	2	2	2	-	2	1
6	2	2	2	2	2	2	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
7	1	1	1	2	2	3	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	1	1	1	2
8	1	1	1	1	1	1	2	1	1	2	2	1	1	1	0	0	1	1	1	2	2	2	2	2	1
9	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	4	2
10	2	3	3	2	3	2	2	3	3	2	2	1	2	-	1	0	1	1	1	0	1	1	-	1	2
11	1	1	2	1	1	0	1	1	2	3	3	1	0	0	0	1	3	2	4	-	-	2	2	2	2
12	2	1	1	1	1	1	1	2	3	3	3	2	2	2	2	1	2	4	-	-	2	2	2	2	2
13	3	3	4	4	S	S	S	4	2	2	2	3	3	3	3	2	3	4	4	4	3	3	-	2	3
14	2	2	2	2	2	2	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	1	1	2	1
16	4	3	2	3	3	2	2	3	3	3	2	2	2	2	2	2	3	4	3	4	7	7	3	3	3
17	2	2	2	2	3	3	3	3	3	3	2	3	3	4	4	4	4	3	2	1	1	1	1	1	3
18	1	1	1	1	1	0	0	0	0	0	-	-	1	0	0	0	0	0	0	1	1	1	2	1	1
19	1	1	1	1	2	3	4	3	3	3	4	4	-	1	2	2	2	3	3	2	2	2	2	2	2
20	2	2	2	2	2	2	3	3	4	3	3	3	3	3	3	2	2	2	2	2	4	4	4	4	3
21	6	B	S	4	4	4	4	3	3	2	2	2	2	2	2	2	3	2	1	0	0	0	0	0	3
22	0	0	0	0	0	-	0	1	1	0	2	0	0	0	0	0	0	-	1	1	1	0	1	1	0
23	1	1	1	1	1	1	1	3	3	2	2	2	2	2	3	1	1	2	4	3	3	4	2	2	2
24	2	1	1	2	3	3	2	2	4	-	-	3	3	3	3	3	3	3	3	2	2	1	1	1	2
2S	2	3	2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	4	2	1	1	1
28	1	2	2	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
31	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	2	2	2	2	2	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1.4

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	1	-	1	0	0	0	0	0	0	0	0	0	2	1	1	2	2	1
3	3	3	3	3	4	4	6	6	4	4	3	3	3	2	3	3	3	2	3	3	3	3	2	2	3
4	3	3	3	3	3	3	3	2	1	1	1	1	1	0	0	0	1	1	0	1	1	0	0	0	1
S	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	-	0	0	0	1	2	1	1	0
6	1	1	2	2	2	3	4	4	6	4	4	2	2	2	2	2	2	4	3	2	2	1	2	2	3
7	2	3	6	6	4	4	3	2	3	3	4	3	4	4	S	5	S	5	3	3	3	6	3	0	4
B	1	1	0	0	1	1	1	2	2	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1
9	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	7	6	4	2	2	1
10	2	1	1	2	2	2	3	4	3	2	2	0	0	0	0	1	0	0	0	0	0	0	0	1	1
11	1	1	1	1	0	0	1	2	1	2	1	2	2	3	4	S	5	S	3	2	2	1	1	1	2
12	1	1	1	1	2	2	1	1	2	3	2	3	2	7	8	11	7	4	6	9	11	5	1	1	4
13	0	0	0	0	0	1	1	1	1	1	0	1	-	-	0	0	1	1	-	1	1	1	1	1	1
14	1	1	2	1	1	2	3	5	4	2	1	1	2	0	2	1	1	2	4	4	2	2	2	1	2
1S	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
16	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	2	1	
18	4	6	7	7	6	5	4	-	1	2	2	2	0	0	1	1	1	1	1	1	-	1	1	-	3
19	2	2	2	2	2	2	2	2	3	-	3	2	0	1	2	2	2	2	2	2	2	4	4	3	2
20	2	1	2	1	2	4	5	S	4	3	3	3	3	3	3	4	4	3	4	4	5	4	S	S	3
21	S	6	7	7	7	7	7	6	5	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
23	3	2	2	3	2	2	2	3	1	0	1	1	1	1	2	1	2	2	2	2	2	2	3	2	2
24	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
2S	1	1	2	2	2	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	-	1	1	1	1	1	1	0
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
28	1	0	0	1	1	4	2	4	3	2	3	3	4	S	4	5	6	7	6	4	4	S	4	3	3
MEAN	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1.6

PERCENTAGE OF DATA VALIO - 98.1 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	4	6	8	5	3	4	4	3	3	3	4	4	4	5	5	4	4	5	3	2	3	4	4
2	4	4	4	2	1	1	1	1	2	2	2	3	1	1	1	1	2	-	-	2	1	2	1	1	2
3	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	1	1	1	2
4	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1
5	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1
7	-	-	1	1	1	3	1	2	2	2	2	2	1	7	7	3	1	1	1	1	1	1	1	0	2
8	0	1	1	1	1	1	1	6	6	4	3	2	1	1	4	1	1	2	2	1	1	1	1	1	2
9	2	2	2	2	2	2	1	3	4	3	2	1	2	-	1	1	1	2	2	2	4	2	1	1	2
10	1	1	1	1	2	3	2	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	1	-	0	0
13	1	1	1	1	1	1	2	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	0	1	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0
16	1	0	1	1	1	-	1	1	2	2	3	3	3	2	2	3	3	2	1	1	1	1	1	1	2
17	1	1	1	1	1	3	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	3	2	2	2
18	2	4	7	9	8	6	5	5	6	7	7	4	3	3	2	3	2	3	3	2	2	1	1	1	4
19	2	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
20	2	1	1	1	1	1	1	1	1	2	1	2	6	8	2	1	1	-	-	2	4	-	2	2	2
21	2	1	4	3	4	7	7	6	4	5	3	1	3	3	3	3	1	2	4	3	2	2	2	3	3
22	2	4	6	5	5	8	6	8	8	5	5	3	1	1	1	2	3	3	3	2	2	2	1	1	4
23	2	2	2	2	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1
24	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
25	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
29	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	2	2	3	1	1
30	1	1	1	1	1	1	1	1	-	1	1	2	2	2	1	1	1	1	2	2	1	1	1	1	1
31	1	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	2	1	2	2	1	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
2	0	1	1	0	0	0	0	1	1	1	2	1	-	-	1	1	-	2	2	1	1	2	2	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	0
4	1	1	1	0	1	2	3	1	1	1	1	1	1	1	-	1	-	0	1	1	1	1	2	1	1
5	1	1	0	0	0	-	0	0	-	-	-	0	0	1	1	0	0	0	1	1	0	0	1	0	0
6	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	1	1	1	1	1	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	1	1	1	4	3	2	1	1	1	1	1	2	2	2	1	1	1	1	1
9	0	0	0	1	1	1	1	1	1	1	4	3	0	1	1	1	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1
11	1	1	1	2	3	3	3	2	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
12	1	1	2	2	1	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
13	2	3	2	1	2	2	2	2	2	2	2	2	2	2	2	3	2	1	1	1	1	1	1	1	2
14	0	0	0	0	1	1	1	1	1	1	2	2	0	1	2	2	2	2	2	2	1	1	1	1	1
15	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	-	1	1	-	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	1	0	1	1	1	1	1	1	1	0
18	0	0	0	0	0	0	0	0	0	0	0	-	-	-	8	0	0	1	0	1	1	1	1	1	1
19	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
20	1	1	2	2	1	1	1	1	3	2	1	1	1	1	1	3	4	4	2	3	3	3	2	3	2
21	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	2	3	3	2	2	2	2
22	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	2	1	1	1	2	-	-	2	1	2	2	2	2	2	2	4	3	3	3	4	2
24	2	1	1	1	1	3	2	2	2	2	2	-	1	2	2	3	3	4	4	4	4	2	2	2	2
25	2	2	1	1	1	-	2	3	3	2	3	3	2	1	1	2	2	2	2	3	3	3	2	2	2
26	1	1	1	1	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	3	2	2	2	1	3	1	1	1	1	1	0	1	2	2	1	1	1	1
29	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	1	1	1	2	1	1
30	1	0	0	0	1	1	1	1	2	3	3	2	1	0	0	1	0	0	0	1	1	2	2	0	1
MEAN	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	3	2	1	0
2	1	1	1	1	1	1	1	2	1	2	0	1	2	2	4	5	2	3	1	1	0	0	1	1	1
3	1	1	1	1	1	3	4	1	-	2	3	2	1	1	1	1	1	1	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1
7	3	3	3	-	3	3	4	3	2	2	2	2	1	1	1	1	1	1	1	2	2	4	4	3	2
8	2	2	3	5	5	5	6	3	3	3	2	1	1	1	1	1	1	1	2	3	3	1	3	-	3
9	-	-	-	-	-	-	-	-	-	1	0	0	0	0	0	0	0	0	0	1	1	2	2	1	******
10	1	1	1	1	2	1	2	3	1	1	1	1	1	0	0	0	0	0	0	0	0	0	2	1	1
11	1	1	1	1	1	1	2	2	3	2	2	1	1	2	0	0	0	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	0	0	0	1	-	-	-	-	-	0	0	0	0	1	1	1	1	1	0
15	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
17	-	1	2	-	2	2	2	2	2	1	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1
18	1	1	1	1	1	2	2	3	3	2	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1
19	2	2	2	1	1	1	1	0	0	-	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1
20	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
21	-	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	2	1	2	1	1	0	0	0	0	0	0	0	-	0
23	0	0	2	3	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1
24	2	2	2	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1
25	1	2	1	0	-	-	0	0	0	1	-	1	1	1	1	1	1	1	1	0	0	0	1	0	1
26	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0
27	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1
28	1	1	0	1	-	2	3	2	2	1	-	0	0	0	0	1	0	0	0	1	1	1	1	0	1
29	0	0	0	2	0	0	2	2	2	3	2	2	2	0	0	0	0	1	1	1	1	1	1	1	1
30	1	0	0	0	0	1	1	2	-	0	0	1	0	2	1	1	1	1	1	1	1	3	1	1	1
31	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	2	-	3	2	-	-	0	1	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
3	0	0	0	0	0	0	1	3	2	1	1	1	0	0	0	0	0	0	0	1	2	1	1	0	1
4	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1	1	1	1	0	1	1	1
5	1	1	1	1	2	1	1	1	0	0	0	-	1	0	0	0	0	0	0	0	1	1	1	1	1
6	1	2	2	2	2	1	1	1	1	1	1	1	1	3	2	1	0	0	1	1	1	1	1	2	1
7	2	2	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	6	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	2	1	2	1	1
9	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
10	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
13	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
14	1	1	1	1	-	1	1	1	2	2	1	-	1	1	1	1	1	1	1	1	1	2	1	1	1
15	1	1	1	1	1	1	2	1	1	-	-	-	1	1	1	1	0	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	-	0	0	1	0	1	1	1	1	1	2	1	1	1	0
19	0	1	0	0	1	1	2	2	2	0	-	-	1	1	1	1	1	1	1	1	1	1	2	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
22	1	1	1	1	1	1	1	1	1	-	1	2	1	1	1	0	-	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	-	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
25	1	1	0	0	0	0	0	2	2	0	0	0	0	0	0	1	-	1	1	2	1	1	1	0	1
26	1	0	1	1	1	1	0	1	1	1	1	1	1	1	2	1	1	1	1	3	2	2	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	1	0	1	1	1	1	1	1	-	1	0	0	1	1	0	0	1	1	1	1	1	1	1
29	1	1	-	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	-	1
30	1	1	1	1	1	1	1	1	2	1	0	1	0	0	1	-	0	1	0	1	1	0	0	0	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.3

NOTES 1. "*****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	1	0	1	1	-	0	0	0	0	0	0	0	0	0	0	1	1	1	0	
4	1	1	1	1	1	1	1	1	1	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
5	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	1	0	1	1	0	
6	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	
7	1	2	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	1	2	2	1	1	1	
8	2	2	1	2	3	3	2	1	1	1	1	1	0	0	0	1	1	1	1	2	2	2	1	1	1	
9	1	1	1	3	2	1	2	3	2	1	2	1	-	1	2	1	2	1	2	2	2	1	1	1	2	
10	1	1	1	1	1	1	1	1	1	1	1	-	2	1	1	1	1	1	1	1	1	1	1	1	1	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	
12	1	1	1	1	1	1	2	3	1	1	1	0	0	0	1	1	1	1	1	2	3	3	4	1	1	
13	1	1	2	1	1	3	-	-	1	1	-	0	1	1	0	0	1	1	1	1	1	1	2	1	2	1
14	2	1	2	2	2	2	3	2	3	2	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	2	1	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	-	1
17	1	1	1	1	1	1	1	2	2	2	1	2	2	1	0	0	0	0	1	1	1	2	1	1	1	1
18	1	1	1	1	1	1	2	1	2	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1
19	1	1	2	1	1	1	2	2	2	1	0	1	0	0	1	0	0	0	2	1	1	1	3	3	1	1
20	1	1	1	1	1	1	2	2	2	1	1	1	1	3	0	0	0	0	1	1	2	2	3	2	1	1
21	-	1	3	1	1	1	1	1	1	0	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	-	1	1	0	1	1	0	0	0	2	1	1	1	1	2	2	2	2	2	1
23	-	1	1	2	1	1	3	1	1	1	1	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	1
25	1	1	1	1	1	1	1	2	2	1	1	0	2	1	0	0	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	2	1	1	-	0	0	1	2	2	2	-	1	1	1	1	1	0	1	1	1	1
27	1	0	1	1	1	1	2	2	1	2	2	2	2	-	2	0	1	0	2	2	3	2	2	2	1	1
28	1	1	1	2	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	2	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2	2	1	1	1	3	2	1	2	2	1	1
30	2	2	2	2	2	3	3	3	2	2	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	3	2	2	1	1	
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0.9	

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	2	1	3	3	3	3	1	3	3	3	2	2	1	1	1	1	1	1	-	2
2	1	1	1	1	2	1	1	1	2	1	1	2	1	0	1	1	1	1	0	1	2	1	1	1	1
3	1	1	1	2	2	3	3	3	2	2	1	1	1	1	1	2	1	1	2	2	2	1	1	1	2
4	1	1	2	3	2	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	1	1	2	1	1	2	2	2	1	1	1	0	0	0	1	1	1	2	1	2	2	1	2	1
6	1	1	1	1	1	1	1	2	2	1	0	0	2	2	1	1	1	1	1	1	2	2	2	1	1
7	1	1	1	1	1	3	3	1	1	-	2	2	-	3	1	1	1	2	2	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	1	2	2	-	3	3	1	1	1	1	2	1	1	1	0	0	1
9	0	0	0	0	0	0	0	2	2	2	2	2	2	2	1	2	2	1	2	5	3	3	1	1	1
10	2	1	1	2	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1
11	2	2	2	2	2	2	0	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	2	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1
13	1	1	1	1	1	1	2	3	3	2	2	2	2	2	1	1	1	1	1	2	1	1	1	1	1
14	1	1	1	1	1	1	2	2	2	2	2	-	5	0	2	3	1	0	-	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	4	S	4	1	0	0	0	0	1	1	1	1	1
16	1	0	0	0	0	1	1	3	3	1	0	0	3	0	0	0	0	0	0	1	1	2	1	1	1
17	0	1	1	1	1	1	4	4	2	1	2	2	2	1	1	1	1	2	1	1	1	-	2	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	3	2	2	2	1	1
20	1	1	1	1	1	2	4	3	3	3	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1
21	1	1	2	1	2	3	4	3	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
22	1	2	2	2	3	3	3	3	3	1	2	4	0	0	-	1	1	2	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
25	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1
27	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	1	1	0	0	1	3	1	1	1	1
28	0	1	0	0	0	1	1	1	-	1	0	0	0	0	0	0	0	1	1	2	1	0	1	0	0
29	0	0	0	0	0	0	0	1	3	2	2	1	0	0	0	1	2	1	1	1	1	0	1	0	1
30	0	0	1	1	1	0	0	2	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0
31	1	1	1	1	1	1	2	1	1	2	1	2	1	1	2	3	2	2	3	3	3	1	1	1	2
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	2	0	0	1	0	1	0	0	0	2	0	0	1	1	0	0	0	1
2	2	0	1	1	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
4	1	3	3	3	3	3	2	3	2	2	1	2	1	2	2	2	0	0	2	1	1	1	1	1	2
5	1	1	1	1	1	2	2	2	2	2	2	2	1	1	0	0	0	1	1	1	1	0	0	0	1
6	1	2	3	3	3	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	2	1	1	1	1
9	1	1	1	1	1	1	2	2	2	0	1	0	0	-	0	0	0	0	1	1	1	2	2	0	1
10	0	0	0	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	0	1
11	0	0	1	1	1	2	2	2	2	2	0	0	0	0	0	-	0	1	2	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	2	3	2	0	0	0	0	0	0	1	1	1	1	1	1	1	1
13	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	3	1	1	1	2	1
14	0	0	0	0	0	0	1	0	1	1	0	-	-	0	0	0	0	0	0	0	0	0	1	1	0
15	1	0	1	1	1	0	0	0	0	1	1	1	1	2	0	0	0	0	0	3	4	2	1	1	1
16	2	1	1	1	1	1	1	1	1	0	0	0	1	2	2	1	1	1	1	2	2	2	1	1	1
17	1	1	1	2	2	2	4	3	3	2	1	0	1	1	2	1	1	2	3	2	1	1	1	1	2
18	1	1	1	2	2	2	2	2	-	1	2	1	2	1	1	2	1	1	1	-	1	0	0	0	1
19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	-	0	1	1	1	1	1	0
20	2	2	3	2	2	3	2	5	2	1	1	2	2	2	2	2	2	3	2	2	2	2	2	1	2
21	3	2	2	2	2	2	2	4	3	3	3	3	2	2	2	2	2	2	1	2	-	1	1	1	2
22	1	1	0	0	0	0	0	1	1	2	3	2	0	1	2	2	0	0	2	0	0	0	2	2	1
23	1	1	1	1	2	3	3	4	4	2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
24	1	1	2	2	2	2	3	3	2	2	2	1	2	2	2	2	1	2	3	2	2	2	2	2	2
25	2	2	3	2	2	3	4	4	3	4	3	3	3	1	1	2	2	2	2	2	1	1	1	2	2
26	2	2	1	2	2	1	2	2	2	2	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1
27	1	6	1	2	2	1	2	3	3	1	1	0	2	0	2	1	2	3	2	1	1	1	1	1	2
28	3	2	1	1	2	2	2	1	1	1	2	2	1	2	2	2	3	2	2	2	3	2	2	2	2
29	1	1	2	1	1	1	1	1	1	0	1	1	1	1	2	1	1	2	3	3	2	2	2	1	1
30	2	1	1	0	0	0	0	1	2	2	2	1	1	2	1	1	1	3	2	2	2	3	4	3	2
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	3	3	3	2	-	2	2	3	3	3	3	3	4	5	4	2	2	2	2	1	3
2	2	2	1	1	1	3	5	4	6	3	3	2	3	3	2	1	2	1	1	1	1	1	1	1	2
3	2	2	1	2	2	2	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	3	2	1	2
4	3	3	3	3	3	2	3	2	2	2	2	2	2	2	2	3	4	4	3	3	2	2	2	2	3
5	2	2	2	2	2	2	3	4	3	2	2	2	2	2	3	3	3	2	2	2	2	2	3	2	2
6	1	1	2	3	2	2	3	3	2	2	2	2	3	4	3	3	2	2	1	1	1	2	3	3	2
7	4	3	2	2	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1
8	0	-	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	3	3	4	3	2	1	2
9	2	2	1	1	1	1	2	1	0	0	-	-	1	1	1	1	1	1	2	2	2	2	2	2	1
10	2	3	-	2	2	-	2	2	2	2	2	2	1	2	3	1	1	2	2	2	1	1	2	2	2
11	4	2	2	2	2	2	2	6	8	5	2	2	2	3	-	2	3	3	2	2	3	2	2	2	3
12	2	2	1	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	2	2	1	2	2
13	1	1	1	1	1	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	3	3	2	2	1	2	1
15	1	1	1	1	1	1	3	-	3	3	-	3	3	3	3	4	3	3	2	5	2	3	2	1	2
16	2	1	1	1	1	2	2	2	-	1	2	-	5	5	6	4	2	4	2	2	1	1	1	1	2
17	3	2	3	4	4	4	5	-	-	4	4	2	2	3	3	3	1	2	2	3	3	3	2	1	3
18	1	1	0	1	1	1	3	2	3	5	4	3	3	4	2	2	1	2	2	2	2	1	1	2	2
19	2	4	3	3	2	3	3	3	3	5	5	4	4	3	3	-	-	2	1	1	1	1	2	1	3
20	1	1	1	1	1	1	1	1	1	2	1	2	1	3	1	1	1	1	1	2	1	1	1	2	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	1	1	1	1
22	2	1	2	2	2	2	2	2	3	3	3	2	-	-	1	1	1	1	1	1	1	2	1	1	2
23	1	1	0	1	2	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
24	2	1	1	1	0	0	1	1	1	1	1	2	1	0	0	0	1	0	0	0	0	-	1	0	1
25	0	0	0	0	0	0	0	1	1	1	1	1	2	0	0	0	0	1	1	1	1	1	1	0	1
26	0	0	0	1	1	1	1	1	1	0	0	1	1	-	1	1	1	1	1	1	2	1	1	1	1
27	1	1	1	1	1	1	2	4	3	1	1	2	1	1	1	1	1	1	1	2	2	2	3	3	2
28	3	3	2	1	2	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	0	0	1	0	0	-	-	0	0	0	1	1	0	1	0	1	1	1	1	1	0	1	1
30	0	0	1	3	2	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	2	2	2	-	1	1	1	2	2	2	2	2	2	2	1	1	1	1
MEAN	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1.7

PERCENTAGE OF OATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1	1	5	2	1	1	2	2	2	1
3	1	1	1	3	2	1	1	1	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	-	1
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	3	3	1	1	1
5	1	0	1	2	1	1	0	1	2	2	1	1	1	2	2	3	5	5	4	5	4	4	4	3	2
6	2	3	3	3	2	3	3	3	4	5	6	5	5	5	4	4	5	5	5	4	2	2	2	4	4
7	2	1	1	1	0	0	0	1	0	0	1	1	1	1	0	0	1	1	1	1	1	2	3	3	1
8	2	1	1	1	1	-	-	3	2	2	2	3	2	3	3	3	3	1	1	1	1	2	2	1	2
9	1	3	3	3	3	3	4	3	2	3	3	3	3	3	4	5	5	5	5	-	3	2	2	2	3
10	2	2	4	4	3	2	2	3	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	2	2
11	1	1	-	1	1	1	1	2	1	2	2	2	-	0	0	2	1	1	3	3	1	1	1	2	1
12	1	1	1	-	1	1	1	1	1	2	2	2	1	1	1	2	1	2	3	3	1	2	2	3	2
13	2	2	2	2	1	1	1	5	7	7	5	3	3	3	2	1	1	3	2	2	2	2	1	2	3
14	1	1	1	2	1	0	0	1	1	2	1	1	0	0	1	1	1	2	1	2	1	3	2	3	1
15	3	2	2	3	3	3	2	2	3	2	2	3	2	2	2	2	3	3	4	4	3	2	2	1	3
16	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	3	3	2	2	3	1	1
17	2	2	2	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	3	3
18	7	4	4	3	4	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	4	3	9	9	4
19	8	7	6	7	7	8	8	12	9	8	-	-	3	3	3	4	6	9	8	4	3	2	2	2	6
20	1	2	2	2	1	1	1	3	3	-	2	2	2	2	2	2	2	3	1	1	1	1	1	1	2
21	1	1	0	2	2	1	1	2	1	2	2	2	2	3	3	3	3	-	3	3	3	3	3	3	2
22	4	4	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	1	2	1	1	2	2
23	1	1	1	-	-	-	-	-	3	3	-	1	2	1	1	1	2	1	2	1	1	3	3	2	2
24	2	2	2	2	2	1	1	1	1	2	2	2	0	0	1	1	2	3	3	4	4	-	3	3	2
25	1	1	2	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	1	1	1
26	1	1	1	1	0	0	0	0	1	2	1	1	0	2	1	0	0	1	1	2	1	1	1	1	1
27	0	0	1	0	1	1	0	0	1	1	1	2	1	1	1	1	2	2	2	3	1	2	1	1	1
28	2	2	2	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	-	-	-	1	1	1	2	2	2	1
30	2	2	1	1	1	1	1	1	2	2	-	0	1	1	1	1	1	1	1	1	2	1	1	1	1
MEAN	2	2	2	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	-	2	3	7	6	4	2	1	1	2
2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	3	1	2	2	1
3	2	2	2	2	1	1	1	2	3	2	2	1	1	1	1	3	-	2	2	2	3	2	1	2	2
4	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	1	3	3	3	3	5	5	3	4	******
5	4	2	3	4	4	3	3	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2
6	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	5	3	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	2	1	2
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	1	1	2	1	0
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1
10	2	2	2	2	2	2	3	4	8	5	3	3	4	3	3	4	4	3	2	2	2	3	3	2	3
11	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
12	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
13	0	0	1	1	2	2	2	2	3	3	3	3	4	4	5	5	4	4	2	1	1	0	0	0	2
14	1	2	2	2	2	2	1	1	1	0	-	0	0	-	1	-	0	0	0	0	0	1	6	3	1
15	4	3	2	2	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	4	6	5	5	4	3
16	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	4	1	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	-	1	1	1	1	1	1	1	1	0
18	1	1	2	3	4	4	4	4	4	3	2	2	2	1	1	1	1	2	2	3	2	2	2	4	2
19	3	3	3	2	2	3	4	4	4	5	5	5	4	4	5	4	6	7	7	6	4	3	3	3	4
20	5	5	5	6	6	5	4	4	5	7	7	6	6	5	5	6	6	7	8	9	9	8	6	4	6
21	3	2	2	2	2	2	2	4	5	6	5	3	3	3	3	3	3	3	3	4	4	3	3	2	3
22	2	2	2	3	2	2	3	3	3	3	3	3	3	3	3	4	4	3	3	3	4	4	5	3	3
23	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	2	2	3	2	2
24	3	2	2	1	1	1	1	2	3	2	2	2	2	3	4	2	4	4	4	4	4	3	3	3	3
25	3	2	2	3	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3	3	3	2	2	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	4	6	3	4	3	2
30	2	2	2	2	2	2	3	3	3	1	1	0	0	0	0	0	0	1	1	1	1	3	1	1	1
31	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	-	0
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.4	3	8
FEB	28	1.6	4	11
MAR	31	1.3	4	9
APR	30	1.0	2	8
MAY	30	0.8	3	6
JUN	30	0.7	2	6
JUL	31	0.9	2	4
AUG	31	1.1	2	5
SEP	30	1.1	2	6
OCT	31	1.7	3	8
NOV	30	1.8	6	12
DEC	30	1.8	6	9
YEAR	363	1.3	6	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	716	6	0	0	0	0	0	722
FEB	630	27	2	0	0	0	0	659
MAR	706	23	0	0	0	0	0	729
APR	698	1	0	0	0	0	0	699
MAY	713	1	0	0	0	0	0	714
JUN	695	1	0	0	0	0	0	696
JUL	727	0	0	0	0	0	0	727
AUG	735	0	0	0	0	0	0	735
SEP	710	2	0	0	0	0	0	712
OCT	718	4	0	0	0	0	0	722
NOV	679	18	1	0	0	0	0	698
DEC	701	25	0	0	0	0	0	726
YEAR	8428	108	3	0	0	0	0	8539

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
97.5	0	0.0	0.1	0.6	1.1	2.4	3.1	4.4	5.5	12	1.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	4	5	7	6	4	2	2	2	3	2	2	3	4	4	3	3	2	2	1	1	3
2	1	2	2	0	1	1	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	4	4	4	4	4	-	******
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	4	3	2	2	2	2	1	******
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2	1
19	3	4	4	6	6	6	6	6	5	5	3	2	1	3	3	3	4	5	3	3	4	3	3	3	4
20	3	3	3	4	4	4	4	4	4	3	3	3	3	2	2	3	3	3	3	5	6	5	4	4	4
21	4	5	4	4	3	2	2	2	5	6	5	5	2	2	2	2	2	2	1	1	1	2	2	1	3
22	1	1	1	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2
23	2	1	1	1	1	1	2	2	1	1	-	1	1	1	1	1	2	4	4	4	4	2	2	2	2
24	2	1	2	3	2	2	2	3	4	4	4	4	2	2	2	3	3	2	3	3	2	1	1	1	2
25	2	2	2	2	2	2	2	2	1	1	2	2	2	1	1	2	1	2	2	2	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
28	2	2	5	6	6	4	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	1	1	-	-	-	-	-	-	0
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1	1	0	0	0	0	******
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1.9

PERCENTAGE OF DATA VALID - 48.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 51.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	1	1	1	1	2	0
3	3	3	4	4	5	5	5	4	5	5	4	4	3	6	4	3	4	5	5	4	4	3	2	2	4
4	2	3	3	3	4	4	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	2
5	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1
6	2	1	1	2	2	3	3	5	5	5	-	3	3	4	8	1	2	4	3	4	2	2	2	2	3
7	3	3	3	3	3	3	3	3	4	3	4	5	5	6	6	6	6	7	5	4	4	4	5	2	4
8	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	1	1	2	1	1	2	1
10	2	2	2	2	2	3	3	3	4	3	1	1	0	0	0	2	2	1	0	0	0	0	0	1	1
11	1	1	1	5	5	5	1	2	4	5	5	4	2	2	2	1	1	2	1	1	1	1	1	2	2
12	2	2	2	3	3	3	2	2	3	2	3	2	1	2	2	0	1	1	1	1	2	7	6	2	2
13	1	1	2	3	4	4	4	5	4	3	-	3	3	2	-	-	2	3	3	2	3	2	2	2	3
14	3	3	3	4	3	3	3	5	4	4	2	1	2	3	2	3	4	6	6	4	4	4	4	4	4
15	3	2	2	2	2	2	2	3	3	3	2	2	2	2	3	2	2	2	2	1	1	1	1	1	2
16	1	1	1	1	1	3	4	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	2	2	2	2	2	3	4	4	3	2	2	3	3	3	2	3	4	4	4	3	3	3
18	4	5	5	5	5	5	5	4	4	3	3	2	1	1	2	2	2	2	2	2	3	3	3	3	3
19	3	3	3	3	3	3	4	3	6	7	5	4	2	1	1	2	2	2	2	3	2	3	5	4	3
20	3	3	2	2	4	6	6	5	5	4	4	4	4	5	5	5	3	4	5	5	5	5	5	5	4
21	6	7	8	7	8	8	6	7	6	5	5	6	9	9	3	2	2	1	1	1	1	1	1	1	5
22	2	2	2	2	2	2	2	2	2	2	2	2	1	2	-	3	4	3	3	4	4	5	5	5	3
23	4	4	4	5	5	4	4	4	3	2	2	2	2	2	2	2	2	3	3	4	4	3	3	3	3
24	4	4	4	4	2	2	2	2	4	3	2	2	2	3	4	5	4	3	3	3	3	2	2	2	3
25	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	3	3	3	2	2	3	4	3	4	2	1	2	4	2	1	2
27	1	2	3	2	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	2	1	1
28	2	2	2	2	2	2	2	2	3	5	4	5	7	6	7	7	5	8	-	-	-	-	-	-	4
MEAN	2	2	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	4	4	3	4	3	6	6	5	5	4	3	3	3	4	******
2	5	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	1	1	1	1	1	1	1	1	******
7	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	1	2	1	1	1	1
8	2	2	2	2	1	1	1	3	9	6	4	2	1	1	1	1	2	1	1	1	1	2	4	4	2
9	4	4	2	2	1	1	2	3	3	3	3	2	1	1	1	1	2	2	2	1	1	1	1	1	2
10	1	1	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0
12	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
13	1	1	2	2	1	1	2	3	3	3	-	-	4	4	2	2	3	2	2	2	8	8	4	1	3
14	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
16	0	0	1	1	1	1	2	2	1	3	3	3	3	3	3	3	4	2	2	2	2	2	2	2	2
17	2	2	1	1	1	1	2	2	3	3	3	4	4	4	4	2	2	2	3	3	3	3	3	6	3
18	5	4	4	3	3	4	6	9	7	6	6	4	4	4	3	3	3	4	4	4	3	3	3	2	4
19	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	2	2	2	2	2	3	4	3	3	2	2	1	1	1	2	1	2	2	2	3	3	2
21	3	4	4	5	5	4	4	6	5	5	3	3	2	3	3	2	3	2	2	3	3	3	2	3	3
22	3	4	6	5	6	4	6	8	9	6	4	2	3	3	3	2	4	3	2	2	2	2	1	2	4
23	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	1	0
28	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	2	1
29	2	2	3	2	2	2	2	2	2	2	2	2	-	2	3	4	4	5	6	6	4	3	3	2	3
30	2	2	2	2	2	1	1	1	2	2	4	3	3	2	3	3	3	3	2	2	3	2	2	2	2
31	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 84.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 15.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC ND 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	1	2	2	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1
2	2	2	2	1	1	1	1	2	2	1	1	1	2	1	2	2	1	1	2	2	1	2	3	2	2
3	1	1	1	1	1	0	0	0	0	-	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0
4	1	1	1	1	1	2	2	2	2	3	3	2	1	2	2	2	1	1	1	1	1	2	2	2	2
5	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	2	3	7	1
6	1	1	1	1	1	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	1	1	1	1	1	1	1	2	2	4	1	1	1	1	1	1	1	1	2	2	2	1	1	1
9	1	1	1	0	0	0	0	0	0	0	0	1	3	3	4	3	2	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	1
11	4	3	3	3	3	3	3	4	4	3	3	3	2	2	2	1	1	1	1	2	2	3	2	2	3
12	2	2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	-	2	2	2	2	2	3	2
13	4	5	4	2	1	1	2	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	2
14	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	0
17	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	2	2	1	1	-	1	1	-	-	0	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
20	2	2	2	3	3	2	2	3	4	2	3	2	2	2	2	2	2	1	1	2	2	2	2	2	2
21	3	3	3	2	2	2	2	2	1	1	2	2	1	5	1	1	1	2	1	2	2	2	2	2	2
22	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	1	1	2	2	2	2	2	1	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1
28	1	1	1	1	5	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	0	0	0	0	1	1	2	2	2	3	0	1	1	0	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	0	0	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	0	0	0	1	-	-	0	0	0	0	0	0	0	0	0	1	1	1	0
2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	2	2	2	2	2	3	1	2	2	2
3	3	2	1	1	1	2	2	2	2	2	3	4	5	2	2	2	2	2	1	1	1	1	1	0	2
4	0	0	0	0	0	0	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	1	0	0	0	0	0	0	1	7	12	11	3	1	0	1	1	0	1	1	0	2
6	1	1	1	1	1	1	1	2	2	3	5	3	3	3	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	2
8	3	4	4	3	2	2	3	3	3	2	-	2	1	2	1	1	1	1	2	2	2	2	2	2	2
9	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
10	2	1	1	1	1	2	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2
11	1	1	2	1	1	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	1	4	2	1	0	0	0	0	1	0	0	0	0	0	0	0	1
13	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	3	3	2	1	1	1	1	1	1	1	2	2	2	1	1	1
15	1	1	1	1	1	1	2	2	1	-	-	2	1	1	2	2	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
17	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1	2	4	3	2	2	2	2
18	3	4	4	4	4	4	6	5	4	4	3	2	7	12	3	3	4	2	3	3	4	2	2	2	4
19	3	3	3	3	2	2	3	2	1	2	2	1	1	1	2	3	2	1	2	3	2	2	2	2	2
20	2	2	2	1	1	1	2	3	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	2	2
21	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	3	1	1	1	2	2	-	-	2	2	2	2	1	1	1	1	1	1
23	1	1	2	2	2	1	2	3	3	4	3	3	4	4	3	3	2	2	1	1	1	1	2	1	2
24	2	1	1	1	2	3	4	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2
25	1	2	1	1	1	1	2	3	4	5	4	4	3	3	2	2	2	1	1	3	3	3	2	1	2
26	1	1	1	2	2	2	3	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	2	2	1	2	3	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2
28	1	1	1	1	2	2	3	3	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	2	2	2	1	1	1	-	2	3	1	1	1	1	1	1	1	1	1	1	1
30	2	2	2	2	2	4	4	4	3	2	1	1	1	1	1	2	2	1	1	2	4	3	10	9	3
31	4	3	2	2	2	3	3	2	2	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2
MEAN	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO,3 KM S OF HWY 3, NANTICOKE MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	3	3	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	4	4	4	2	2	2	2	2	1	2	1	1	1	2	2	1	1	2
4	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	1	1	1	2	2	2	2	2	2	1	1	1	2	2	1	1	1	1	1	2	1	2	2	2	2
6	2	2	2	2	2	2	3	2	2	2	1	2	1	2	1	1	1	1	1	1	1	1	1	2	2
7	3	3	2	2	1	1	2	2	2	2	2	2	2	1	1	1	1	2	2	1	2	2	2	1	2
8	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	4	2	1	1	1	1	2	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	-	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	2	1	2	2	1	1	1	2	2	1	1	3	3	1	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	3	2	2	2	1	1	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	2	2	2	2	1	2
17	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	3	4	2	2	2	1	1	2
18	1	1	1	1	1	1	2	1	2	2	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	3	4	2	1	-	1	1	-	-	-	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
21	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0
24	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1
25	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	2	2	1	1	1	2	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
4	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
6	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
9	1	1	1	1	2	2	1	1	1	4	4	4	6	1	1	1	1	2	1	2	1	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1
12	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	2	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1
14	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	8	7	4	3	3	2	2	2	2	2	2	2	2	2
16	1	1	2	4	4	2	2	2	2	1	1	1	2	2	1	2	1	1	2	1	1	1	1	1	2
17	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
18	2	2	2	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	13	6	3	2	2	2	2
19	2	2	2	2	2	2	2	2	2	1	1	2	2	2	8	7	2	1	1	2	3	2	2	2	2
20	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
21	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	2	2	2	1	2	1
22	1	1	1	1	1	1	1	1	1	2	2	2	1	2	3	1	1	1	1	1	2	4	2	1	1
23	1	1	1	1	1	1	3	1	1	4	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	2	1	3	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	6	9	3	1	1	1	1	1	1	1	1	1	2
28	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1
30	1	1	1	1	1	2	2	1	1	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1
31	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1
2	1	1	1	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	1
7	1	1	1	1	1	1	0	0	0	0	0	2	3	2	2	2	2	2	2	1	1	1	1	1	1
8	1	1	1	1	1	2	1	1	1	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	0	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
13	0	0	0	0	0	1	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	2	2	1	-	-	0	0	0	1	0	0	1	1	1	1	1	1	1	1
22	1	1	1	1	2	2	3	3	2	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
24	1	1	3	4	1	1	1	2	1	1	3	3	3	3	1	1	1	1	1	1	1	1	1	1	2
25	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
27	0	0	1	2	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1
28	0	0	0	0	0	0	1	1	0	-	-	1	2	2	4	0	0	1	1	1	1	0	0	0	1
29	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
30	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	2	1	1	1	0
31	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	2	3	2	2	1
MEAN	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	2	1	2	1	1	1	-	-	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
6	1	1	1	3	3	3	3	3	2	1	1	0	1	1	0	0	0	1	1	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	0	0	0	0
8	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	2	2	0	0	0	0	1	1	0	1
10	0	0	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	3	3	1	0	0	0	0	0	0	-	-	1	0	1	1	1	2	2	2	2	2	2	2	3	1
12	1	1	2	3	2	3	4	4	4	2	3	2	1	1	1	2	2	2	4	3	1	1	1	3	2
13	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2
14	1	1	1	2	2	2	2	2	2	2	3	2	1	1	0	0	0	1	2	2	2	2	2	2	2
15	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	1	2	2	2	2	2	2	1
16	1	1	1	1	1	2	2	2	2	2	2	3	0	1	1	1	1	1	1	1	2	2	2	2	1
17	1	1	0	1	2	2	2	2	2	2	2	3	1	1	1	1	1	1	2	2	2	2	2	3	2
18	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2
19	0	0	0	0	1	2	2	1	1	1	1	2	0	0	0	0	0	0	1	2	2	2	2	3	1
20	1	1	1	1	2	2	3	4	3	4	3	3	1	1	2	1	2	3	2	2	2	2	3	3	2
21	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	3	3	3	3	3	2	2	3	3	2
22	1	1	1	0	1	2	1	2	3	3	3	3	0	0	0	0	0	2	2	2	2	2	2	2	1
23	1	1	1	2	2	2	2	2	2	2	2	2	0	0	0	0	1	1	1	1	2	2	2	2	1
24	1	1	1	2	2	2	2	3	3	3	3	3	0	1	1	0	0	2	3	2	2	1	2	2	2
25	1	1	2	2	2	2	2	2	2	-	4	3	2	2	2	1	1	1	1	1	1	1	1	1	2
26	1	1	1	2	2	2	2	3	2	2	2	2	1	1	1	1	1	1	1	2	2	1	2	2	2
27	2	1	1	2	3	1	2	2	2	2	2	3	1	1	1	1	2	2	3	4	3	2	2	2	2
28	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	3	3	3	3	3	1	3	3	2
29	2	3	3	3	3	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	3	3	2
30	2	2	2	2	2	2	2	2	2	2	S	11	2	2	3	2	2	1	2	2	2	1	1	2	2
MEAN	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2	1	2	2	1.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	4	3	3	3	2	2	2	2	2	2
2	2	1	1	1	1	2	2	4	4	3	2	1	2	2	2	2	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	1	3	2	2	2	2	1	1	1	2	2	2	1	1	1	1
4	2	2	2	2	3	2	3	2	3	2	2	2	2	2	2	4	5	4	4	4	2	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
8	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	2	2	2	2	2	1	3	3	2	1
9	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1
10	1	2	2	2	2	2	3	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11	- OATA UNAVAILABLE -																								
12	- OATA UNAVAILABLE -																								
13	- OATA UNAVAILABLE -																								
14	- OATA UNAVAILABLE -																								
15	- OATA UNAVAILABLE -																								
16	- OATA UNAVAILABLE -																								
17	- OATA UNAVAILABLE -																								
18	- OATA UNAVAILABLE -																								
19	- OATA UNAVAILABLE -																								
20	- OATA UNAVAILABLE -																								
21	- OATA UNAVAILABLE -																								
22	- OATA UNAVAILABLE -																								
23	1	2	1	1	1	1	1	1	0	1	-	0	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	0
27	1	1	1	1	1	1	1	1	1	1	6	2	1	1	1	1	1	1	1	2	2	3	2	3	2
28	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1
30	1	2	3	3	2	1	2	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2	2	2	2
31	2	2	3	2	2	2	2	2	3	3	2	-	2	2	2	3	3	3	3	3	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 59.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 40.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO,3 KM S OF HWY 3, NANTICOKE MONTH - NOV 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
3	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
S	1	1	1	1	1	1	1	3	2	2	1	2	2	3	4	-	3	4	S	4	3	3	3	2	2
6	3	3	3	3	2	3	2	3	4	6	6	-	4	3	3	4	3	3	2	2	2	2	2	2	3
7	7	S	2	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	2	2	1
8	1	4	1	1	3	3	2	1	5	9	4	-	2	1	1	1	1	1	1	1	1	1	1	1	2
9	1	1	1	1	1	1	1	2	1	1	1	2	2	3	5	S	4	4	4	3	3	2	2	2	2
10	1	1	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	3	2	2	2	1	1	2	1	1	1	1	2	1	1	1	1	1	1
13	2	2	2	2	2	2	2	3	3	6	9	9	7	4	3	3	2	2	3	3	2	2	2	2	3
14	1	1	1	2	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1S	1	1	1	1	1	1	2	3	5	3	6	8	3	2	1	2	2	3	3	3	3	2	1	1	2
16	1	1	1	1	0	1	1	2	2	1	1	0	1	1	1	0	1	1	1	1	1	1	1	2	1
17	1	2	1	1	1	1	1	2	1	1	2	2	1	2	2	2	2	2	2	2	4	3	2	3	2
18	3	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	4	2	6	9	8	S	S	3
19	S	S	6	7	6	S	7	8	8	6	4	3	2	3	3	2	4	4	3	2	1	1	1	1	4
20	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2
21	1	1	1	2	1	2	1	1	1	1	2	1	2	3	3	2	2	2	3	3	4	3	2	2	2
22	2	3	2	1	1	1	2	2	1	2	2	2	1	1	2	3	2	2	2	1	4	2	1	1	2
23	1	1	1	1	1	2	2	2	2	2	1	1	2	2	2	1	2	1	2	2	1	2	2	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
25	2	2	2	1	1	1	2	1	1	1	1	3	3	3	2	2	2	2	2	2	2	1	2	2	2
26	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	2	2	2	2	2	1
28	2	2	2	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1
30	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.8

PERCENTAGE OF OATA VALIO - 99.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 0.6

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO,3 KM S OF HWY 3, NANTICOKE MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	3	3	2	2	2	6	6	4	2	1	2
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1
3	1	2	2	2	2	1	1	2	2	1	1	1	1	2	3	1	2	2	2	2	2	2	1	2	2
4	2	2	2	2	2	2	2	2	2	3	2	0	1	1	1	1	1	1	2	1	1	2	2	2	2
5	1	2	3	3	3	3	2	12	4	4	1	1	1	2	2	2	2	1	1	2	2	2	1	1	2
6	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	1	1	1	2	2	2	1	1
7	2	2	2	2	2	1	2	2	1	1	1	1	2	4	11	9	9	4	2	1	1	1	1	1	3
8	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	2	1	1	2	2	1	1
10	1	1	1	1	2	2	1	2	2	1	2	2	S	4	2	2	2	2	3	1	2	2	2	2	2
11	2	2	2	1	2	2	2	2	3	2	3	3	2	2	2	2	2	2	2	2	2	2	1	2	2
12	2	1	1	1	1	1	1	1	1	1	-	1	0	0	0	0	0	0	0	0	0	1	1	1	1
13	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	4	4	S	3	1	0	0	0	1
14	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
15	0	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1	2	3	3	3	4	3	3	4	2
16	3	3	3	3	2	2	2	3	2	3	3	3	2	2	2	2	1	0	0	0	0	0	0	0	2
17												- OATA UNAVAILABLE -													
18												- OATA UNAVAILABLE -													
19												- OATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	3	3	3	2	1
29	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	3	3	4	3	3	1	2
30	2	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	2	1	2	1	2	1	1	1	1.3

PERCENTAGE OF OATA VALIO - 66.3 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 33.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	1.9	4	7
FEB	28	2.3	5	9
MAR	25	1.8	4	9
APR	30	1.3	3	7
MAY	31	1.7	4	12
JUN	30	1.3	2	4
JUL	31	1.2	2	13
AUG	30	0.4	2	4
SEP	30	1.4	2	11
OCT	18	1.3	2	6
NOV	30	1.8	4	9
DEC	20	1.3	3	12
YEAR	317	1.5	5	13

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	352	11	0	0	0	0	0	363
FEB	627	32	0	0	0	0	0	659
MAR	605	21	0	0	0	0	0	626
APR	713	1	0	0	0	0	0	714
MAY	728	5	3	0	0	0	0	736
JUN	712	0	0	0	0	0	0	712
JUL	733	8	1	0	0	0	0	742
AUG	724	0	0	0	0	0	0	724
SEP	714	0	1	0	0	0	0	715
OCT	439	1	0	0	0	0	0	440
NOV	696	20	0	0	0	0	0	716
DEC	487	4	2	0	0	0	0	493
YEAR	7530	103	7	0	0	0	0	7640

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
87.2	0	0.0	0.3	0.7	1.3	2.5	3.3	4.6	5.6	13	1.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	10	7	7	9	17	32	22	13	12	13	13	13	13	16	19	19	14	12	16	15	6	5	5	13
2	2	2	1	1	1	2	2	3	4	4	5	5	6	4	4	4	4	3	3	4	3	3	2	2	3
3	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	4	12	2
4	4	1	1	3	12	32	50	41	11	2	1	1	1	1	1	1	1	1	1	2	1	0	1	1	7
5	0	0	0	1	1	1	1	2	6	-	-	3	5	4	5	8	8	7	6	6	14	17	17	9	6
6	4	5	3	3	6	14	16	14	9	7	8	9	10	10	13	14	16	11	9	8	8	10	12	7	9
7	8	5	4	5	7	21	34	26	17	11	6	8	5	4	4	4	4	5	5	7	9	7	9	11	9
8	4	3	3	3	3	3	3	4	4	4	4	4	3	3	3	4	4	4	4	4	3	3	3	4	4
9	14	16	19	14	5	8	9	9	10	10	10	8	9	6	5	4	4	3	3	3	3	3	3	4	8
10	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	3	3	4	4	4	3	3	3	5	5	4	3	3	3	4	4	2	3
12	1	1	1	1	1	2	5	6	6	-	4	3	4	3	3	4	4	3	3	3	3	3	2	2	3
13	1	1	1	1	3	12	10	5	3	3	3	3	3	3	3	5	5	3	3	5	9	29	17	3	6
14	1	1	2	6	11	10	4	3	2	3	3	3	2	2	3	3	3	2	2	3	3	3	2	2	3
15	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
16	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
18	0	0	0	0	1	5	15	21	16	11	8	7	8	-	-	-	16	11	8	10	21	12	5	2	8
19	2	2	2	2	6	15	36	25	13	-	-	-	10	11	13	17	18	12	9	8	14	16	12	9	12
20	10	8	9	6	8	18	30	26	14	7	6	7	7	9	10	10	9	9	14	10	13	13	15	4	11
21	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2	2	2	1	2
22	1	1	1	1	1	2	2	2	3	3	2	2	4	4	4	4	3	4	3	3	2	2	1	1	2
23	1	1	1	0	0	1	1	1	2	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	2
24	3	2	1	1	1	1	1	2	3	5	5	5	7	7	8	6	4	7	9	14	11	5	5	3	5
25	1	1	1	1	2	3	14	28	16	-	-	10	9	9	11	14	22	14	9	4	5	5	3	4	8
26	19	20	19	15	8	13	43	32	14	5	3	2	2	2	2	3	3	2	2	2	3	3	2	2	9
27	1	1	1	1	1	2	2	2	3	3	3	2	7	7	5	11	5	3	3	2	2	2	4	7	3
28	2	2	2	3	4	7	27	22	18	13	12	-	-	5	5	12	15	15	9	6	16	6	3	3	9
29	12	11	12	12	15	26	42	18	14	16	14	15	20	23	21	23	21	21	21	17	14	9	9	7	17
30	6	4	4	4	4	5	5	6	10	9	10	9	8	11	11	9	8	7	8	7	7	5	6	6	7
MEAN	4	4	3	3	4	8	13	11	7	6	5	5	6	5	6	7	7	6	5	5	7	6	5	4	6.0

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	2	2	2	2	3	3	3	3	2	2	3	2	3	3	3	2	6	14	15	11	9	8	5
2	5	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	1	2
3	1	1	1	0	1	2	3	5	4	5	4	4	4	3	4	4	4	3	3	3	4	9	5	7	4
4	4	4	2	1	1	5	13	24	19	10	7	5	4	3	5	6	4	3	8	4	3	3	3	2	6
5	1	0	1	1	1	2	2	5	3	3	-	8	12	11	15	17	16	8	6	6	6	5	6	4	6
6	4	3	3	3	3	4	6	6	7	7	7	7	7	9	8	10	10	7	7	7	7	6	7	6	6
7	6	5	4	4	6	9	14	12	13	6	5	7	7	8	5	5	5	5	4	4	4	4	4	4	6
8	4	14	9	8	6	8	9	12	7	4	5	5	4	3	3	3	4	4	4	4	6	10	14	29	7
9	18	7	7	7	9	26	36	32	21	17	13	16	16	15	18	13	17	20	15	13	13	15	14	4	16
10	3	3	3	3	5	11	12	11	8	4	4	3	4	4	4	5	5	3	3	3	3	3	3	3	5
11	2	2	6	7	7	16	24	10	-	-	8	5	3	3	4	4	3	3	3	3	3	4	4	3	6
12	2	2	3	2	3	6	10	9	5	5	6	5	6	5	10	13	7	9	9	8	7	10	13	10	7
13	6	4	5	9	8	12	31	29	18	15	13	11	13	10	14	19	18	14	12	18	20	19	20	20	15
14	27	17	6	4	4	7	8	8	9	9	9	7	6	5	4	4	4	4	3	3	3	4	4	4	7
15	2	1	2	3	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2	3	4	4	3	5	3
16	6	7	6	5	6	12	31	14	10	10	9	5	5	5	4	6	4	4	3	3	8	10	4	2	7
17	1	1	1	1	4	14	23	20	11	10	-	12	11	12	16	20	21	17	15	-	10	12	8	-	11
18	2	-	-	2	2	4	6	8	11	9	13	10	11	8	12	10	-	5	4	4	4	6	9	4	7
19	4	9	6	-	-	-	50	-	-	4	6	6	-	-	4	5	5	4	4	5	6	5	-	-	******
20	16	13	7	-	-	12	36	25	6	5	4	6	9	9	13	10	6	3	4	5	10	6	8	12	10
21	13	12	-	-	-	-	6	14	-	4	5	5	4	-	-	-	2	-	1	2	3	3	-	-	******
22	1	1	1	1	-	1	1	2	1	-	-	1	1	1	-	-	1	1	2	-	6	4	3	3	2
23	8	-	4	7	5	7	25	40	21	12	9	8	6	5	4	5	4	3	3	9	5	2	2	2	9
24	1	1	1	2	2	3	3	-	-	3	3	3	3	-	2	2	3	2	2	2	2	2	2	-	2
25	2	2	2	2	2	3	3	3	3	-	2	3	3	2	3	3	3	2	2	2	2	2	2	2	2
26	3	3	3	3	3	3	4	4	5	5	5	5	5	5	5	5	5	4	4	4	4	3	3	2	4
27	2	4	2	2	2	5	23	21	15	11	10	9	7	6	7	7	8	6	4	4	5	5	4	3	7
28	4	4	3	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	3	3	4	4
29	4	3	4	3	2	1	2	2	5	5	5	4	6	5	5	4	5	6	6	3	4	4	4	4	4
30	4	5	4	6	7	21	27	31	15	12	9	6	5	5	4	6	8	3	3	3	3	2	3	2	8
31	2	2	3	3	3	3	3	4	4	4	-	4	3	4	4	6	6	5	4	4	4	4	4	4	4
MEAN	5	5	4	3	4	7	14	12	9	7	6	6	6	6	6	7	6	5	5	5	6	6	6	6	6.3

PERCENTAGE OF DATA VALID - 94.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 5.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	4	6	17	20	19	16	12	11	13	12	13	14	13	14	13	11	9	7	6	4	10
2	4	4	4	4	4	10	13	5	3	4	6	6	6	5	4	4	4	4	4	5	5	6	5	4	5
3	4	3	3	3	8	15	27	54	32	12	5	5	5	3	4	4	4	3	3	3	3	3	3	2	9
4	3	3	3	3	3	3	11	11	5	5	4	4	3	4	4	4	4	4	3	3	4	3	3	3	4
5	3	3	3	3	3	3	3	2	2	2	2	1	2	3	3	2	2	2	3	3	4	4	4	3	3
6	3	3	3	2	2	3	3	4	4	4	4	6	7	5	6	5	5	7	11	17	19	16	15	9	7
7	7	5	5	8	10	7	10	7	4	4	4	3	3	3	3	3	3	2	3	4	4	3	3	2	5
8	2	2	2	2	1	2	2	3	4	4	4	-	3	4	3	2	3	3	3	4	4	4	2	1	3
9	1	1	1	1	2	5	16	29	13	9	5	6	7	5	4	3	3	3	3	5	5	7	9	6	6
10	5	2	1	1	3	7	10	2	-	2	2	2	2	2	3	5	5	4	3	4	4	3	3	3	3
11	3	2	1	1	1	3	5	8	9	9	10	13	11	13	10	10	12	11	12	17	14	9	4	2	8
12	3	3	3	3	1	1	2	4	3	4	4	5	6	7	5	5	6	7	8	8	20	14	7	7	6
13	10	7	5	5	7	22	37	12	3	2	2	2	2	2	2	2	2	1	1	2	1	1	1	1	6
14	1	1	1	1	1	1	3	4	4	2	2	2	1	2	2	5	4	2	2	2	1	1	1	1	2
15	0	0	0	0	0	1	3	8	7	5	5	4	3	3	4	5	5	3	3	4	6	4	3	3	3
16	2	2	2	2	2	4	7	16	19	14	6	7	5	4	4	5	5	3	2	3	3	7	19	13	7
17	13	17	10	8	14	33	52	29	6	5	5	-	5	5	6	6	11	9	6	3	2	1	2	2	11
18	1	1	1	1	1	1	1	2	2	3	4	5	3	3	3	3	4	3	2	2	2	2	2	2	2
19	2	2	1	1	1	0	0	1	3	4	4	4	4	4	4	3	1	2	2	7	18	15	12	7	4
20	3	3	4	3	7	12	47	43	26	15	13	13	13	11	10	18	15	8	15	22	20	17	14	9	15
21	5	3	5	5	5	8	30	47	20	13	12	-	-	9	9	16	14	13	17	16	21	12	10	7	14
22	4	3	3	6	12	16	31	21	13	11	9	10	10	10	10	15	16	10	9	9	10	7	7	6	11
23	5	4	3	4	4	11	15	7	5	5	5	4	2	3	3	3	4	5	8	7	3	6	4	1	5
24	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	1	1	2
25	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	2	2	2	3	3	3	3	5	2
26	9	3	2	2	1	2	4	4	4	5	4	4	3	3	3	3	1	4	11	15	8	14	11	5	5
27	4	2	1	2	2	5	9	10	5	4	8	7	6	3	3	3	3	2	2	3	2	3	3	3	4
28	3	3	4	4	4	17	28	25	21	-	17	14	13	13	9	10	22	18	17	20	16	12	8	4	13
29	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3
30	2	2	2	2	1	2	3	4	4	3	3	3	3	4	4	3	4	4	4	7	6	5	4	4	3
31	3	3	2	1	1	9	36	38	31	17	12	17	13	12	11	6	6	5	5	7	8	14	10	11	12
MEAN	4	3	3	3	4	7	14	14	9	6	6	6	5	5	5	6	6	5	6	7	7	7	6	4	6.1

PERCENTAGE OF OATA VALIO - 99.2 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	5	4	5	3	9	5	2	2	2	3	3	4	4	3	3	3	3	4	5	5	3	2	2	4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	3	3	5	7	3	5	5	2
4	3	2	2	2	4	15	28	30	17	14	12	10	7	9	7	4	4	4	9	17	16	16	14	11	11
5	8	7	5	3	6	12	32	39	-	13	12	9	10	11	11	16	19	15	13	11	11	9	8	6	12
6	6	4	5	4	3	4	12	10	6	4	4	3	3	3	3	3	3	3	3	4	4	2	2	1	4
7	2	1	1	1	1	3	5	5	4	5	14	-	-	19	20	19	6	5	3	3	3	3	3	3	6
8	3	4	3	2	3	5	7	9	8	10	11	14	10	9	8	9	7	9	8	19	11	11	10	9	8
9	6	7	5	3	2	4	6	7	7	5	3	2	2	2	2	2	2	2	2	3	4	4	7	4	4
10	3	2	2	3	2	3	4	3	3	3	3	3	6	8	9	7	6	6	7	12	12	14	15	10	6
11	8	5	4	4	7	9	23	39	-	12	10	11	11	12	10	17	18	15	6	10	26	26	19	16	14
12	9	5	4	5	8	13	55	40	21	17	16	10	9	10	10	17	22	17	14	13	8	10	12	9	15
13	6	5	4	3	2	3	5	5	5	3	3	3	3	3	3	4	4	4	5	8	10	16	4	3	5
14	2	2	2	2	2	5	5	5	6	4	4	5	5	4	4	5	5	5	5	5	4	3	3	2	4
15	2	2	2	1	2	1	2	2	3	3	4	4	3	3	3	3	3	3	2	3	3	3	3	3	3
16	3	3	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	4	3	4	3	-	2
17	2	2	2	2	2	3	4	6	4	4	3	-	3	2	2	3	3	3	3	3	2	1	1	1	3
18	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	5	5	6	5	3	2	2	1	3
19	2	2	2	1	1	3	5	5	4	6	7	8	7	6	5	6	7	5	6	7	6	4	5	9	5
20	14	6	6	11	12	6	10	9	7	3	2	2	3	3	4	4	3	3	4	5	3	3	4	3	5
21	3	3	2	2	2	3	4	4	4	5	6	6	7	14	16	24	19	6	6	4	4	2	3	3	6
22	4	4	2	2	2	2	5	13	12	11	10	11	10	13	12	11	12	14	22	13	5	3	3	3	8
23	3	3	3	2	1	1	2	4	5	5	4	5	7	8	9	9	12	13	11	18	20	24	24	16	9
24	12	9	6	5	12	18	44	45	21	-	15	12	7	10	8	12	17	11	8	11	19	15	8	5	14
25	4	3	3	3	3	4	5	6	6	5	5	5	4	4	5	5	4	4	7	6	6	7	7	5	5
26	4	4	3	3	3	4	7	9	9	12	13	9	10	7	5	7	7	9	13	18	45	68	57	54	16
27	45	13	14	11	17	30	54	89	74	12	5	5	5	4	3	4	4	6	8	10	10	9	25	35	21
28	14	26	9	4	2	3	6	5	6	7	6	7	8	13	13	20	18	15	18	30	32	9	4	4	12
29	3	3	3	4	3	4	4	5	6	8	7	8	6	6	7	11	10	11	19	13	8	6	16	19	8
30	14	11	8	8	7	6	4	4	4	3	3	3	3	4	3	3	3	4	6	6	6	5	5	5	5
MEAN	7	5	4	3	4	6	12	14	9	6	6	6	6	7	7	8	8	7	8	9	10	10	9	9	7.4

PERCENTAGE OF OATA VALIO - 99.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	4	3	6	18	37	41	28	18	15	13	14	14	17	24	29	23	20	17	14	17	13	7	17
2	7	7	6	4	4	9	20	33	18	10	12	15	13	14	16	22	23	19	13	8	8	7	6	3	12
3	3	3	3	3	4	9	22	27	25	25	13	9	7	6	6	5	4	5	5	6	4	3	3	2	8
4	2	2	2	2	2	4	13	11	17	22	24	20	20	21	23	38	36	15	9	14	12	5	11	8	14
5	6	4	2	2	2	3	4	6	6	8	6	5	6	6	6	7	8	7	6	7	5	3	3	2	5
6	2	2	2	3	2	2	2	2	4	4	4	6	7	9	12	8	8	8	7	4	4	4	4	3	5
7	4	4	3	3	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
8	1	2	1	1	2	2	1	2	2	2	3	3	3	11	16	14	16	14	15	16	14	13	12	6	7
9	4	4	3	2	2	2	3	5	8	7	4	5	6	6	6	7	7	7	9	11	9	8	8	13	6
10	19	23	26	14	12	19	38	51	31	-	-	-	6	6	6	9	35	22	19	5	5	4	4	3	17
11	2	2	1	2	2	3	5	7	8	6	12	8	6	8	10	9	15	11	6	6	5	5	9	11	7
12	4	3	2	2	2	2	4	4	4	4	4	3	4	5	6	7	5	5	6	5	3	2	2	2	4
13	2	2	2	2	2	2	2	2	2	3	3	3	3	3	5	5	4	6	4	3	3	3	3	3	3
14	3	3	2	2	2	2	2	2	2	2	4	3	5	4	2	2	2	2	3	3	3	3	3	3	3
15	3	2	2	2	3	4	5	5	5	5	5	5	5	4	4	4	4	4	7	14	45	53	62	35	12
16	6	4	4	5	14	21	31	30	19	12	11	10	11	12	14	21	23	19	17	15	13	18	14	8	15
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	1	2	2	2	1	2	1	1	1	2	2	1	1	1	******
24	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	3	3	2	2	2	1	1	1	1	2
25	0	0	0	1	1	1	2	-	-	-	-	-	-	-	-	-	6	6	5	4	3	3	2	1	******
26	0	0	0	0	0	1	3	6	6	6	5	4	4	4	5	7	9	6	6	5	3	1	1	1	3
27	1	1	0	0	0	0	0	1	2	2	5	8	7	6	13	8	9	16	15	10	8	9	8	9	6
28	11	11	8	5	-	-	-	3	3	3	3	3	2	2	2	2	2	3	2	2	3	2	2	-	4
29	1	1	1	1	1	1	3	6	22	19	-	15	11	12	10	12	11	28	16	22	27	16	14	17	12
30	11	8	7	8	8	8	13	23	21	13	11	13	12	12	12	14	18	20	14	12	10	8	8	6	12
31	4	4	2	2	2	3	14	29	32	20	15	16	21	19	17	20	26	30	17	17	21	18	19	20	16
MEAN	4	4	4	3	3	5	10	13	12	9	7	7	7	8	9	11	12	11	9	8	9	8	9	7	7.9

PERCENTAGE OF DATA VALID - 77.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 23.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	7	4	4	4	5	8	8	5	5	5	6	7	8	9	10	8	7	7	6	6	6	5	4	7
2	4	4	4	3	3	3	3	4	6	5	5	5	5	5	5	8	8	11	12	10	10	9	7	5	6
3	6	5	7	6	5	4	5	5	5	5	5	5	6	6	5	6	6	7	7	6	5	5	3	3	5
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	8	17	37	38	16	8	6	8
5	16	42	29	24	20	29	44	54	46	32	14	6	6	6	8	9	14	23	18	28	21	38	70	72	28
6	59	41	27	14	13	22	32	51	43	39	43	-	20	16	13	21	26	29	25	22	17	11	5	4	26
7	3	3	2	2	2	2	2	4	4	5	4	4	4	4	4	4	4	4	2	2	2	2	2	4	3
8	4	2	2	2	2	2	3	3	2	2	-	-	3	3	3	4	4	4	5	5	5	4	4	4	3
9	5	4	8	9	11	12	15	22	24	15	11	10	9	11	11	12	12	12	10	10	10	11	11	9	11
10	5	4	3	3	2	2	2	2	3	3	4	4	5	5	5	5	7	6	6	4	5	4	3	2	4
11	5	5	6	4	4	5	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	5	3
12	4	2	2	2	2	2	4	7	16	14	9	7	7	8	9	12	14	24	23	17	19	18	17	17	11
13	15	10	8	5	4	4	5	7	12	8	7	10	10	9	7	6	8	10	7	6	5	3	4	4	7
14	3	3	2	2	2	2	2	3	4	4	3	3	-	5	5	6	6	7	8	7	6	5	4	5	4
15	3	3	2	3	3	3	4	4	4	6	6	5	4	4	5	5	5	6	5	5	5	4	4	4	4
16	4	4	4	3	3	3	5	6	6	6	5	5	4	4	4	4	4	5	4	4	4	4	3	3	4
17	3	2	2	2	2	2	2	2	2	3	3	4	4	4	5	5	6	12	23	32	25	39	38	45	11
18	29	17	21	13	11	7	6	5	7	7	14	12	13	13	12	9	15	24	21	18	11	11	12	9	13
19	6	5	5	5	6	8	9	19	21	13	11	8	8	6	6	7	11	10	19	15	6	4	7	6	9
20	4	4	4	3	2	2	4	4	4	5	4	4	3	4	3	4	5	6	5	5	4	4	4	4	4
21	4	4	2	2	2	2	6	11	13	9	6	-	6	7	9	9	10	13	9	9	8	8	9	9	7
22	7	7	7	4	2	2	2	2	2	2	2	3	3	3	3	3	4	5	4	3	3	2	1	2	3
23	2	2	1	1	1	1	2	2	4	6	-	-	3	3	5	5	5	5	4	6	9	6	4	4	4
24	4	3	3	2	1	1	1	1	1	2	2	2	4	3	3	3	5	5	4	3	3	3	8	17	4
25	16	17	19	12	10	5	5	8	8	11	8	6	6	5	5	4	4	4	4	4	4	4	4	3	7
26	2	2	2	2	2	3	5	8	6	3	1	1	2	2	2	2	2	2	2	2	2	2	1	1	2
27	1	1	1	1	1	1	1	2	2	2	2	2	-	-	-	-	-	9	9	9	18	18	19	15	6
28	10	7	5	4	4	4	3	3	3	3	3	3	3	3	3	3	4	5	4	3	3	3	3	3	4
29	3	1	2	2	2	2	2	3	3	4	4	4	4	4	4	4	4	5	4	4	4	4	3	3	3
30	3	3	2	2	2	2	1	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	8	7	6	5	4	5	6	9	9	8	7	5	6	6	6	6	7	9	9	10	9	9	9	9	7.3

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	4	4	4	3	3	3	3	3	******
6	3	3	3	3	3	3	3	S	6	5	5	5	5	5	7	8	8	7	6	7	7	6	6	6	5
7	4	3	4	4	4	4	5	8	15	8	7	6	6	5	6	5	6	7	6	5	5	3	4	4	6
8	3	3	3	3	3	2	2	2	3	3	3	4	3	3	3	4	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	2	2	2	3	3	2	2	1	1	1	1	3	3	3	3	3	3	3	3	2
10	2	2	2	2	4	16	-	-	-	-	-	-	15	14	8	9	13	24	27	13	6	5	4	4	9
11	3	3	3	3	3	3	3	3	4	4	4	4	4	5	5	S	5	5	5	5	5	4	4	4	4
12	4	3	3	3	3	3	4	4	5	4	4	4	4	4	3	4	S	6	4	5	2	9	10	10	5
13	6	-	-	-	-	-	9	19	31	29	-	27	27	25	27	32	35	23	6	5	5	3	-	-	19
14												- OATA UNAVAILABLE -													
15												- OATA UNAVAILABLE -													
16												- OATA UNAVAILABLE -													
17	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	******
18	-	-	-	-	-	-	-	-	-	3	4	4	-	-	-	13	9	-	-	-	-	-	-	-	******
19	-	-	-	-	-	-	-	-	-	-	-	-	16	22	17	19	22	27	17	12	11	10	9	7	******
20	7	4	4	4	3	3	11	14	24	18	19	24	27	23	23	29	35	35	35	40	47	55	61	52	25
21	45	47	43	29	29	29	36	S5	61	51	45	47	37	28	32	48	53	53	47	42	49	41	34	13	41
22	-	-	-	-	-	-	-	-	-	-	5	7	7	8	9	10	19	22	15	8	18	13	8	14	******
23	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	5	5	18	11	******
24	10	16	12	8	5	5	4	4	5	7	8	8	8	9	11	10	10	10	9	8	8	8	7	7	8
25	6	5	3	3	2	2	2	2	2	4	4	4	4	3	2	2	3	2	2	2	2	2	3	3	3
26	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2
27	2	2	2	2	2	2	2	3	5	5	-	5	5	5	5	7	6	6	5	4	4	4	3	2	4
28	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	5	5	5	5	5	3	4	3
29	3	3	3	3	3	3	2	3	4	4	4	5	6	6	6	6	7	6	5	5	4	6	4	4	4
30	4	4	3	3	3	3	3	3	3	3	3	3	3	4	5	6	6	6	6	5	10	11	6	4	5
31	3	4	4	3	3	3	3	3	4	4	6	6	9	8	9	10	9	10	9	7	5	5	4	4	6
MEAN	6	6	6	5	5	5	6	8	11	9	7	9	9	9	9	11	12	13	10	9	10	9	9	8	8.5

PERCENTAGE OF OATA VALIO - 63.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 37.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREOERICK ST KITCHENER

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN		OATA UNAVAILABLE		
FEB		OATA UNAVAILABLE		
MAR		OATA UNAVAILABLE		
APR		OATA UNAVAILABLE		
MAY		OATA UNAVAILABLE		
JUN	30	6.0	17	50
JUL	29	6.3	16	50
AUG	31	6.1	15	S4
SEP	30	7.4	21	89
OCT	23	7.9	17	62
NOV	29	7.3	28	72
OEC	18	8.5	41	61
YEAR	190	7.0	41	89

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	DATA UNAVAILABLE							
JUN	472	110	96	20	5	4	0	707
JUL	442	150	84	16	7	1	0	700
AUG	506	107	100	13	7	3	2	738
SEP	421	150	109	16	6	4	7	713
OCT	313	106	107	32	10	2	3	573
NOV	437	139	73	24	9	7	5	694
DEC	301	86	30	22	11	11	8	469
YEAR	2892	848	599	143	55	32	25	4594

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
89.4	0	1.1	2.4	3.7	6.4	14.9	20.9	31.9	42.8	89	7.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	9	9	11	8	8	10	7	6	17	31	19	13	11	12	******
12	11	11	10	9	7	6	6	6	6	5	6	7	7	6	6	7	7	7	6	6	6	6	6	6	7
13	5	5	5	4	3	4	4	3	4	5	5	5	6	5	5	5	4	4	4	5	4	4	4	4	4
14	3	3	3	3	3	4	5	6	6	-	-	4	3	2	2	3	3	3	4	8	10	5	4	3	4
15	3	2	1	1	2	3	5	8	7	4	2	4	3	5	3	3	3	4	4	4	4	3	4	3	4
16	3	2	2	1	1	3	4	4	4	4	4	3	3	3	4	4	4	3	3	4	5	6	7	7	4
17	6	7	6	4	5	10	10	8	5	4	3	4	4	4	3	3	3	3	3	4	4	5	6	7	5
18	8	8	9	10	10	8	8	11	9	8	6	5	6	6	4	5	4	4	4	6	10	9	5	5	7
19	5	7	6	5	4	11	8	6	6	6	6	4	4	3	4	5	5	5	5	7	6	7	9	8	6
20	4	2	2	2	2	2	2	2	3	3	3	3	3	2	2	3	3	3	4	4	6	5	9	10	4
21	8	6	3	2	2	2	2	3	5	3	3	3	3	3	3	3	3	3	3	3	2	2	2	1	3
22	2	2	3	3	3	4	4	6	4	4	4	3	3	3	4	3	3	3	3	4	4	3	4	5	4
23	5	6	5	4	5	5	8	7	4	-	4	4	3	4	4	4	4	5	5	5	4	4	4	3	5
24	4	3	3	3	3	4	4	5	5	4	4	4	4	3	4	4	3	3	3	3	3	2	2	2	3
25	2	2	2	2	2	2	3	4	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	2	3
26	2	3	3	2	3	3	4	5	4	4	4	4	4	3	4	5	4	3	3	3	4	2	2	3	3
27	3	3	2	2	2	3	3	3	3	3	3	3	2	2	2	2	1	2	3	3	4	4	3	3	3
28	1	1	1	1	2	3	4	4	3	-	3	4	4	2	2	2	2	2	2	2	2	3	2	2	2
29	1	1	1	1	2	3	4	4	4	4	4	2	2	2	3	5	5	4	3	2	3	4	5	7	3
30	4	2	2	2	3	4	4	7	6	3	3	2	4	4	4	4	5	3	1	3	4	5	7	5	4
31	5	3	2	2	2	4	7	11	7	3	3	3	3	3	3	4	4	3	4	5	3	5	3	5	4
MEAN	4	4	4	3	3	4	5	6	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	4.3

PERCENTAGE OF DATA VALID - 65.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 34.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	1	3	3	3	6	8	5	5	5	4	5	4	4	4	5	5	5	4	6	8	8	9	5
2	10	5	3	2	1	2	4	5	3	2	2	3	2	2	2	3	3	2	2	3	3	-	4	4	3
3	3	2	1	2	2	2	3	3	3	2	3	2	3	2	2	2	2	2	3	4	4	4	4	3	3
4	2	2	2	2	2	3	3	4	-	3	2	2	2	2	2	2	2	2	2	3	3	2	2	3	2
5	2	1	2	2	2	3	4	3	4	3	5	-	4	4	4	4	4	3	3	3	3	4	4	4	3
6	4	3	3	3	3	3	5	5	4	3	3	3	3	3	3	4	4	3	4	4	5	5	5	6	4
7	4	4	3	4	5	5	6	12	14	9	8	8	7	7	5	4	6	14	23	10	24	11	8	10	9
8	15	8	6	6	7	7	7	8	8	7	7	7	7	7	7	7	7	7	7	8	8	8	8	7	8
9	8	7	6	5	5	6	6	6	5	5	6	7	7	6	6	6	5	5	6	6	7	8	8	8	6
10	7	6	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	7	8	9	9	9	6
11	10	9	9	9	9	8	7	7	8	-	4	4	5	5	5	5	4	-	-	4	4	7	9	8	7
12	7	7	5	5	5	5	6	7	7	7	7	6	6	6	6	6	6	6	-	7	7	9	8	8	6
13	8	7	6	6	6	10	10	10	8	8	8	7	6	6	5	5	5	5	5	6	6	7	5	5	7
14	5	6	5	5	-	6	8	6	6	6	6	-	6	5	6	6	5	5	6	7	6	6	5	5	6
15	5	5	5	-	5	5	6	6	6	-	-	-	6	6	7	6	6	6	5	5	5	5	5	5	6
16	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	5	5	5	6	6	6	7	5
17	7	6	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
18	4	4	-	4	4	4	5	7	5	-	-	2	2	-	1	-	-	-	1	-	-	-	-	-	******
19												- OATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	-	2	4	4	4	4	4	4	4	-	7	6	6	7	4	4	2	******
23	3	3	2	2	2	2	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	******
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	10	10	10	10	11	12	12	11	11	******
27	10	10	9	9	10	10	10	11	11	-	4	3	4	3	3	6	6	-	-	-	-	-	-	-	7
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	3	3	4	3	******
29	4	4	3	2	2	3	6	6	6	7	4	5	5	4	5	9	9	5	4	4	5	5	7	8	5
30												- OATA UNAVAILABLE -													
MEAN	6	5	4	4	4	5	6	6	6	5	5	4	5	5	5	5	5	5	5	5	6	6	6	6	5.2

PERCENTAGE OF OATA VALIO - 68.2 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 31.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2	3	3	2	2	3	3	3	3	2	-	-	2	3	3	3	3	3	2	2	2	3	3	3	3	3
3	2	2	2	2	2	2	2	4	4	4	4	3	3	3	-	-	-	-	-	-	2	2	4	4	3
4	5	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
5	-	-	-	-	-	-	-	-	-	2	3	2	2	2	2	-	-	-	-	2	-	-	-	3	******
6	-	-	-	-	-	-	-	-	-	4	5	3	2	2	2	2	2	2	1	2	5	6	7	9	******
7	9	9	9	6	4	3	5	4	2	2	1	1	2	1	1	1	1	1	2	2	4	3	3	4	3
8	-	-	-	-	-	-	-	-	-	-	-	6	5	-	-	-	-	-	-	-	-	-	-	-	******
9	-	-	-	-	-	-	-	-	-	-	-	5	5	5	5	5	-	-	-	6	7	6	6	6	******
10	6	-	-	-	-	-	6	7	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-	******
11	-	-	5	-	-	-	6	-	-	-	-	-	4	5	-	-	-	-	-	-	-	-	-	-	******
12												- OATA UNAVAILABLE -													
13	-	-	-	-	-	6	8	-	-	-	7	7	6	6	7	6	6	6	6	7	8	9	9	10	7
14	11	9	8	7	7	7	8	12	9	7	6	6	6	6	6	6	6	4	5	5	5	6	6	6	7
15	6	6	6	5	5	6	5	6	7	6	6	6	5	5	5	7	7	7	7	8	8	8	9	8	6
16	8	8	8	8	8	8	11	11	10	-	-	3	-	5	7	9	9	-	-	-	-	-	-	-	******
17												- OATA UNAVAILABLE -													
18												- OATA UNAVAILABLE -													
19												- OATA UNAVAILABLE -													
20	-	-	-	-	-	-	-	-	-	-	-	3	2	2	2	2	2	2	2	3	4	3	3	5	******
21	6	4	3	2	3	3	3	2	2	2	5	5	3	2	2	2	2	2	2	2	3	2	3	2	3
22	3	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	4	4	3	2	2
23	1	2	1	1	1	3	4	4	3	2	2	3	3	2	2	2	2	2	1	1	2	2	2	2	2
24	4	3	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	1	1	1	1	1	2	2	4	4	3	4	-	-	2	3	3	3	3	4	3	3	3	3	3	3
26	2	2	2	2	2	3	3	3	3	3	3	3	4	-	4	3	3	3	5	3	3	3	3	3	3
27	3	3	2	2	2	3	4	4	3	3	4	4	4	3	4	4	3	3	3	5	6	4	4	4	4
28	4	4	3	2	2	2	3	3	3	4	3	2	2	2	3	1	1	1	3	3	4	2	3	2	3
29	4	6	7	5	4	3	4	3	2	2	2	2	2	1	1	1	1	1	1	4	11	5	6	5	3
30	3	2	2	3	4	5	7	5	4	5	4	3	-	4	4	2	2	2	2	3	3	3	4	2	3
31	1	1	1	1	1	1	2	3	2	2	2	1	3	3	4	3	3	2	2	4	4	4	3	3	2
MEAN	4	4	4	3	3	3	4	5	4	3	4	3	3	3	3	3	3	3	3	4	5	4	4	4	3.6

PERCENTAGE OF OATA VALIO - 62.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 37.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	1	2	2	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	8	3	2	4	3	3	3	3	3	3	3	3	4	5	5	******
16	4	3	2	3	4	6	6	5	4	3	3	3	3	3	3	3	3	3	3	5	5	4	3	5	4
17	6	5	4	3	3	6	7	9	5	2	-	3	3	3	3	3	3	4	4	5	5	5	5	3	4
18	3	6	4	3	2	2	3	2	3	3	4	4	3	3	4	4	3	3	4	4	6	6	4	4	4
19	4	6	4	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	5	12	7	6	6	4
20	6	5	4	3	4	7	7	7	7	4	4	5	4	4	4	2	2	2	3	4	4	5	6	5	5
21	7	6	4	4	3	6	13	10	7	3	4	3	2	2	2	2	1	1	3	4	7	11	11	9	5
22	8	4	3	4	4	7	8	10	-	6	4	3	2	2	2	2	2	2	3	3	4	5	6	2	4
23	1	1	1	1	1	1	2	2	3	3	2	2	2	2	2	2	2	3	3	2	3	2	2	1	2
24	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	3	2	3	3	4	2	2	2
25	3	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	3	2	2	2	2	2	2	3	2
26	4	4	2	1	1	2	3	3	2	2	2	2	2	2	1	1	1	2	2	2	3	3	6	5	2
27	1	1	1	1	2	2	3	5	3	2	4	2	2	2	2	2	2	2	2	3	3	3	5	5	3
28	3	4	7	6	4	6	12	15	10	8	7	5	4	3	3	3	3	2	2	3	5	6	2	3	5
29	3	1	1	1	1	2	2	3	2	8	3	3	3	2	2	2	2	1	2	2	1	2	1	0	2
30	0	1	0	0	0	1	2	2	1	1	3	2	3	3	3	3	4	3	3	4	5	3	4	2	2
31	3	4	2	2	2	4	9	6	6	3	3	3	2	1	2	2	1	2	2	2	4	4	5	5	3
MEAN	3	3	3	2	2	3	5	5	4	4	3	3	3	2	2	2	2	2	3	3	4	4	4	4	3.3

PERCENTAGE OF DATA VALID - 54.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 45.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	3	2	3	2	3	2	2	0	1	2	2	2	2	3	3	3	3	2	2	2	3
2	2	2	2	1	1	1	1	1	2	1	1	3	1	2	3	2	2	2	2	2	2	2	1	1	2
3	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	3	3	4	2	2	2	2	1
4	2	1	1	1	1	2	5	5	2	2	2	2	2	2	2	3	2	2	3	3	5	5	5	4	3
5	4	8	6	3	2	7	19	17	6	4	6	3	2	1	1	2	3	2	2	3	4	3	2	2	5
6	1	1	1	1	2	2	4	4	-	4	7	4	4	6	6	6	4	4	5	6	6	6	7	6	4
7	5	5	4	4	4	4	7	4	4	4	5	4	5	4	5	5	5	5	5	5	3	3	3	3	4
8	3	3	3	2	3	3	3	3	3	3	3	3	2	2	2	2	2	2	3	10	16	18	22	14	5
9	13	8	4	4	3	4	4	4	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	3	4
10	2	2	2	2	2	5	7	4	3	3	3	3	3	3	3	5	5	5	5	3	2	2	1	1	3
11	2	2	2	2	2	5	6	5	2	2	2	1	2	2	2	2	2	2	3	5	6	7	5	4	3
12	3	3	3	3	5	11	20	20	-	-	7	5	4	4	4	4	4	4	5	6	5	8	11	5	7
13	5	4	3	3	3	4	4	6	4	4	5	8	7	6	7	6	6	6	6	7	6	5	6	6	5
14	5	5	6	6	7	6	11	13	10	11	9	-	-	-	-	-	-	-	-	-	-	-	-	-	******
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	10	10	12	13	15	14	9	9	******
29	8	8	8	6	7	7	7	7	7	6	5	5	5	5	5	5	5	6	6	14	28	23	22	22	9
30	21	24	9	8	5	5	5	5	5	4	3	3	4	4	4	4	4	5	5	6	5	6	6	4	6
MEAN	5	5	4	3	3	4	7	6	4	4	4	3	3	3	3	4	4	4	4	6	7	7	7	6	4.6

PERCENTAGE OF DATA VALID - 52.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 47.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA 5TREET, ST. CATHARINES MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	4	4	5	9	8	5	4	4	4	4	4	4	4	4	4	5	6	3	3	4	3	4
2	3	2	2	2	3	3	6	8	7	4	3	3	3	3	3	5	6	3	3	3	2	3	3	4	4
3	3	2	2	3	3	4	6	6	4	4	4	3	3	3	3	3	3	-	-	-	-	-	-	-	3
4	-	-	-	-	-	-	-	-	-	8	4	3	5	4	6	6	7	8	8	8	10	9	10	8	******
5	5	4	4	4	3	2	3	4	3	2	2	2	2	2	3	6	8	7	4	2	2	2	3	1	3
6	1	1	1	1	1	2	2	3	3	4	3	2	2	2	2	2	2	3	2	2	1	1	2	2	2
7	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1
8	1	1	1	1	1	2	2	1	1	1	2	2	1	1	1	2	3	3	3	4	5	3	3	2	2
9	2	2	2	1	1	1	2	2	2	3	3	3	2	2	3	3	3	3	7	11	5	3	3	2	3
10	2	2	2	2	2	2	2	6	5	3	2	3	2	2	2	3	3	3	3	2	2	3	4	4	3
11	3	3	3	2	2	5	13	15	13	-	3	3	2	2	2	4	5	6	6	4	3	3	4	2	5
12	2	2	2	4	2	3	4	7	6	3	2	2	3	3	4	6	5	4	7	7	4	3	3	3	4
13	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3	3	1	3
15	1	1	1	1	1	2	3	6	6	4	4	4	4	4	4	4	4	4	2	3	4	5	5	4	3
16	4	4	3	2	2	2	3	5	4	2	2	2	2	3	2	4	4	5	3	2	2	4	4	9	3
17	8	5	5	5	7	8	12	23	24	19	10	5	8	9	9	17	17	20	19	8	3	4	4	5	11
18	4	4	5	6	5	3	3	3	4	4	5	3	3	3	3	4	4	4	7	5	4	4	4	4	4
19	4	4	3	2	2	3	8	10	14	19	14	10	4	4	3	4	5	5	5	4	4	4	4	3	6
20	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3
21	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	4	5	5	4	2	2
22	1	1	1	1	1	2	3	5	4	4	2	2	3	3	3	4	3	5	5	4	4	6	5	4	3
23	2	1	1	1	1	2	3	4	5	3	2	-	-	3	3	4	4	4	4	4	4	4	4	4	3
24	4	4	3	3	2	3	5	5	4	4	4	4	-	5	5	5	4	3	3	3	3	3	3	3	4
25	3	2	2	2	3	3	4	5	5	4	3	3	5	4	4	5	5	5	5	4	3	3	4	3	4
26	3	3	3	2	2	2	3	4	5	3	4	4	5	5	5	6	5	5	5	5	3	3	3	3	4
27	3	3	2	4	3	3	4	5	7	4	4	4	4	4	5	4	5	6	8	8	6	4	6	5	5
28	5	4	4	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	4	3	3	3	3	3
29	3	2	2	3	3	3	4	6	5	6	6	7	6	6	5	5	6	8	9	7	8	7	6	7	5
30	5	4	4	3	3	2	3	4	5	3	3	3	3	3	3	4	5	6	5	5	5	4	4	5	4
31	3	3	3	4	4	5	13	26	46	29	11	8	7	5	5	6	9	12	15	11	8	3	3	3	10
MEAN	3	3	3	3	2	3	4	6	7	5	4	3	3	3	3	4	5	5	5	5	4	4	4	4	4.0

PERCENTAGE OF OATA VALIO - 97.3 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 2.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	2	2	4	4	4	4	4	3	3	3	4	5	5	5	4	5	3	3	3	4
2	3	3	3	2	3	2	3	3	3	4	4	4	4	4	5	4	5	6	5	5	5	4	4	5	4
3	4	6	5	4	5	3	3	3	3	3	3	3	3	2	3	4	4	5	6	4	4	5	5	5	4
4	3	3	3	3	1	2	2	3	3	4	3	3	3	3	3	4	5	8	13	15	13	5	5	9	5
5	10	6	5	5	5	5	3	8	8	5	4	4	4	-	-	4	7	11	17	12	13	25	33	45	11
6	53	49	44	35	36	20	16	22	32	32	17	15	17	11	9	9	8	7	7	9	9	6	7	8	20
7	7	8	8	3	3	3	3	3	4	4	4	4	4	5	5	5	5	4	5	6	3	4	4	4	5
8	5	3	3	3	2	1	2	4	5	5	5	4	4	4	4	5	5	5	3	5	5	4	3	3	4
9	3	5	7	8	8	6	6	11	16	12	11	5	5	7	7	8	8	8	7	6	7	7	8	5	8
10	5	8	6	3	3	4	3	3	3	4	4	4	4	4	5	5	7	11	7	6	6	5	5	5	5
11	7	7	6	5	4	4	5	5	5	5	5	3	3	4	3	6	5	4	3	3	3	3	3	3	4
12	2	3	3	2	2	2	3	5	5	3	3	3	3	3	3	3	5	8	13	13	10	7	17	25	6
13	11	6	4	4	3	4	4	10	14	13	10	8	7	4	5	8	8	8	10	12	12	10	11	9	8
14	6	5	5	5	3	3	4	5	6	5	5	5	-	5	5	6	9	6	3	3	3	4	6	6	5
15	7	6	4	3	3	3	4	8	12	9	6	6	5	5	7	6	5	7	6	6	7	6	5	3	6
16	1	2	2	3	2	2	3	5	4	4	4	3	3	3	4	4	4	4	4	4	3	5	4	3	3
17	2	3	3	2	3	3	2	3	3	2	3	3	3	4	4	4	4	7	6	10	15	12	8	7	5
18	14	25	26	15	5	5	5	5	3	4	5	6	9	9	9	9	10	8	5	7	7	8	7	7	9
19	6	5	5	6	6	5	6	13	14	15	20	17	14	11	13	15	17	32	25	19	16	14	19	19	14
20	7	4	2	2	2	2	2	3	4	4	-	4	4	3	3	4	5	5	8	7	6	6	8	9	5
21	3	3	3	3	3	3	4	5	7	5	5	3	3	3	4	5	7	7	6	6	11	9	8	7	5
22	7	7	7	3	2	3	3	4	5	4	4	5	5	5	5	5	6	5	5	5	4	4	4	4	5
23	3	3	3	1	2	2	3	6	8	5	5	5	5	6	7	7	9	13	11	15	14	13	13	17	7
24	15	5	4	3	4	4	4	3	4	5	4	4	3	3	4	4	6	9	9	10	9	8	13	16	6
25	19	24	25	22	21	16	15	15	17	10	6	7	5	7	7	6	5	5	5	5	4	5	5	5	11
26	7	8	11	10	6	2	3	5	5	4	4	-	-	-	3	3	3	3	4	3	4	4	4	3	5
27	2	2	3	3	2	2	3	3	3	-	3	3	3	2	3	4	5	6	7	10	11	10	8	6	5
28	4	2	2	2	5	5	4	2	4	3	2	2	2	2	2	3	3	4	4	4	3	2	2	2	3
29	2	3	3	3	2	2	2	3	4	3	3	2	2	2	2	2	2	3	3	2	2	2	2	3	2
30	3	3	3	2	2	2	3	3	3	3	3	2	2	2	3	3	5	5	5	5	5	4	4	3	3
MEAN	7	7	7	6	5	4	4	6	7	6	5	5	5	5	5	5	6	7	7	7	7	7	8	8	6.2

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOE5 - CHEMILUMINESCENT UNIT5 - 0.01 PARTS/MILLION

5TATION - WC NO 27037 NORTH/GENEVA 5TREET, 5T. CATHARINE5 MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	2	3	3	3	4	4	4	7	6	6	7	7	7	6	6	5	5	5	4	5
2	3	3	2	2	2	2	2	2	1	3	2	2	2	2	2	3	3	4	4	3	3	3	3	3	3
3	3	2	2	2	3	3	4	4	5	5	4	4	2	3	3	6	5	5	3	4	4	3	3	2	4
4	2	2	3	3	3	2	3	3	4	-	3	3	3	3	3	4	4	4	4	4	4	4	4	4	3
5	5	4	3	3	3	2	2	4	4	4	4	4	5	5	5	5	6	7	7	7	8	12	10	7	5
6	6	7	8	7	26	30	5	6	6	7	7	12	31	58	87	86	67	57	63	22	28	21	23	46	30
7	40	4	3	4	4	5	10	35	41	83	-	-	-	5	9	14	30	49	54	86	48	18	15	12	27
8	12	4	3	5	5	7	8	15	3	2	3	3	3	2	3	3	3	3	4	4	3	3	3	3	4
9	2	3	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	2	2	3	3	2
10	3	2	3	2	2	3	6	6	7	5	8	7	8	7	5	7	17	19	17	7	6	4	5	16	7
11	59	19	24	20	7	4	3	3	4	-	4	4	3	3	10	20	5	6	5	6	6	4	3	4	10
12	5	4	3	2	2	7	3	3	5	6	4	4	29	10	2	3	4	3	3	2	3	2	2	2	5
13	1	1	1	3	3	2	2	3	2	4	2	2	2	3	2	2	2	2	2	2	3	3	2	1	2
14	2	2	2	2	2	2	4	4	5	5	4	3	-	4	4	4	4	4	4	4	5	4	4	3	4
15	2	3	3	4	3	4	6	6	5	4	4	4	4	4	4	5	7	11	15	8	5	5	4	4	5
16	4	4	3	3	3	3	4	4	3	3	3	3	4	4	3	5	5	3	3	3	3	2	2	2	3
17	1	1	1	1	1	2	1	3	3	3	3	2	3	3	3	3	3	3	-	-	-	-	-	-	2
18	-	-	-	-	-	-	14	14	15	14	13	11	7	7	7	6	6	7	5	5	5	4	5	6	8
19	5	5	4	4	3	3	5	7	8	7	-	5	5	4	6	7	6	7	6	7	6	6	4	5	5
20	4	5	5	6	6	7	10	14	28	31	26	19	12	9	11	12	14	16	17	22	11	4	3	2	12
21	3	4	3	2	2	2	3	5	6	8	6	4	4	5	5	6	13	10	13	20	12	7	5	4	6
22	3	4	5	4	3	3	2	3	4	5	5	6	7	7	7	6	7	6	7	8	9	10	10	9	6
23	6	6	6	4	2	3	3	3	2	3	4	4	4	4	4	3	2	2	2	2	3	3	3	4	3
24	3	6	6	4	3	3	2	2	4	3	3	4	3	5	6	7	6	7	4	4	3	4	6	8	4
25	8	3	2	2	3	2	1	1	2	2	1	2	2	3	2	2	2	2	2	1	2	2	2	2	2
26	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	3	3	2	3	3	1	1	2
27	2	1	1	2	1	2	2	2	3	-	4	4	4	3	3	4	5	4	4	4	3	3	3	3	3
28	3	3	3	2	2	2	2	1	3	3	3	3	2	3	2	2	3	3	2	4	3	2	3	3	3
29	3	4	5	4	3	3	3	3	3	2	3	3	3	3	3	3	4	4	5	4	3	2	2	2	3
30	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	8	9	3
31	14	15	19	20	12	7	5	7	7	6	4	5	4	3	3	3	3	2	3	3	3	3	3	3	7
MEAN	7	4	4	4	4	4	4	5	6	8	5	5	6	6	7	8	8	9	9	9	7	5	5	6	6.0

PERCENTAGE OF OATA VALIO - 97.3 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILA8LE - 2.7

NOTE5 1. "****" INOICATE5 INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA I5 UNAVAILA8LE

3. "*****" INOICATE5 LE55 THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RE5OURCES 8RANCH

MONTHLY 5UMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OXIOE5 - CHEMILUMINE5CENT UNIT5 - 0.01 PART5/MILLION

5TATION - WC NO 27037 NORTH/GENEVA 5TREET, 5T. CATHARINE5

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN		OATA UNAVAILA8LE		
FE8		OATA UNAVAILA8LE		
MAR		OATA UNAVAILA8LE		
APR		OATA UNAVAILA8LE		
MAY	20	4.3	7.	31
JUN	19	5.2	9	24
JUL	17	3.6	7	12
AUG	16	3.3	5	15
5EP	15	4.6	9	28
OCT	30	4.0	11	46
NOV	30	6.2	20	53
DEC	31	6.0	30	87
YEAR	178	4.8	30	87

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN		OATA UNAVAILABLE						
FEB		OATA UNAVAILABLE						
MAR		OATA UNAVAILABLE						
APR		OATA UNAVAILABLE						
MAY	390	88	11	0	1	0	0	490
JUN	304	173	12	2	0	0	0	491
JUL	368	93	5	0	0	0	0	466
AUG	354	45	6	0	0	0	0	405
SEP	286	66	18	7	0	0	0	377
OCT	625	76	18	4	0	1	0	724
NOV	476	151	65	10	6	3	1	712
OEC	543	110	41	12	4	4	10	724
YEAR	3346	802	176	35	11	8	11	4389

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	10	30	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
74.6	0	1.2	2.2	3.1	4.5	7.5	10.5	17.6	24.4	87	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	13	12	13	-	10	8	6	6	-	12	19	17	3	****	7	3	6	7	9	7	7	7	9
2	5	3	3	3	4	7	17	21	****	22	23	25	11	****	21	16	18	15	10	6	-	-	-	5	12
3	****	****	6	5	6	7	11	14	13	12	15	13	13	12	14	15	16	16	12	12	11	10	11	10	12
4	8	9	8	6	7	7	11	13	15	14	14	13	12	13	13	14	17	17	13	11	11	10	10	8	11
5	6	5	6	6	7	9	14	17	18	16	14	15	12	14	17	18	20	17	16	13	14	12	****	12	13
6	10	9	9	11	12	11	9	10	14	15	14	14	14	12	12	13	13	12	12	11	9	10	9	10	11
7	10	10	7	5	4	4	6	8	9	11	8	8	14	10	4	5	8	9	14	17	12	12	12	13	9
8	10	7	5	5	6	8	14	17	20	18	15	13	12	13	13	14	15	17	15	12	12	12	13	11	12
9	11	8	7	8	8	9	12	14	15	13	****	12	11	11	13	15	17	20	17	16	14	14	16	17	13
10	15	13	12	13	12	14	18	22	24	19	19	18	19	****	14	16	17	19	10	18	10	11	****	13	16
11	15	9	10	8	7	13	22	25	24	20	21	21	16	15	20	22	28	29	27	-	-	21	23	33	20
12	24	26	21	25	19	8	5	36	59	43	43	31	7	4	15	9	9	6	-	-	31	40	40	37	24
13	40	33	34	23	21	4	3	3	3	3	4	4	4	5	5	5	5	5	4	4	4	4	****	5	10
14	5	6	6	7	9	8	8	11	7	4	4	5	5	5	6	5	6	6	6	6	5	5	7	8	6
15	4	5	5	5	6	7	11	15	16	14	9	12	13	13	15	15	16	16	13	11	9	9	10	11	11
16	9	9	9	9	8	9	12	14	19	20	16	15	13	16	16	20	24	22	20	17	20	16	18	23	16
17	26	29	28	16	6	11	5	5	5	5	6	6	29	41	26	21	23	11	12	9	7	8	10	11	15
18	9	9	7	3	3	5	13	24	32	19	-	-	23	27	24	9	23	35	22	11	2	13	4	1	14
19	1	2	10	8	12	13	18	24	35	39	40	24	-	3	1	1	2	2	1	1	1	1	1	1	10
20	2	2	2	2	8	12	6	5	6	6	7	9	11	11	7	11	6	5	5	5	4	8	8	7	6
21	5	4	4	4	4	4	4	4	3	3	2	2	3	6	9	11	10	10	10	7	8	8	6	8	6
22	5	4	4	3	3	-	9	10	15	****	12	12	10	11	8	9	11	****	12	15	14	13	14	11	10
23	12	10	9	8	8	9	12	20	29	27	27	4	2	2	2	3	2	2	2	2	2	30	21	15	11
24	32	15	11	5	3	2	3	2	2	-	****	****	****	****	****	****	****	****	2	1	1	2	2	1	******
25	1	1	1	1	2	2	2	2	2	2	4	6	3	9	5	7	15	24	13	13	4	5	8	7	6
26	5	2	3	7	6	10	20	29	28	27	30	29	19	16	17	22	32	31	26	29	21	16	12	12	19
27	10	9	8	4	4	6	8	11	10	17	26	30	10	3	15	31	21	27	31	31	12	7	5	4	14
28	4	2	2	1	1	1	1	1	4	8	12	10	10	11	12	15	18	13	10	9	9	7	7	6	7
29	5	3	3	3	3	4	9	13	15	15	12	11	11	10	10	11	12	15	10	7	6	6	7	6	9
30	5	4	3	3	5	10	16	19	15	17	16	18	13	12	12	12	16	-	12	11	9	10	12	11	11
31	7	6	5	6	6	7	13	22	29	23	21	21	15	14	14	16	16	14	9	6	5	5	5	5	12
MEAN	10	9	8	7	7	8	10	14	16	16	16	14	12	12	12	13	15	15	12	11	10	11	11	11	11.7

PERCENTAGE OF OATA VALIO - 95.3 PERCENTAGE OF OATA INVALIO - 2.7 PERCENTAGE OF OATA UNAVAILABLE - 2.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	3	2	2	3	9	13	15	18	15	11	12	11	12	****	13	13	9	7	6	6	6	5	9
2	5	4	2	2	2	3	7	12	16	16	12	14	13	15	18	17	20	18	14	13	11	10	10	10	11
3	10	8	6	5	5	5	7	11	12	15	18	19	18	19	19	17	19	17	21	25	12	7	7	10	13
4	5	5	7	4	5	6	7	8	7	6	6	5	6	5	4	6	9	10	10	11	9	7	7	7	7
5	6	6	5	6	6	6	10	11	14	****	11	11	9	8	9	10	-	13	11	8	7	8	10	11	9
6	7	10	9	7	10	8	13	25	28	29	29	22	20	19	23	30	35	33	28	8	6	8	26	35	20
7	27	27	22	10	22	31	28	58	40	9	4	3	3	3	3	3	5	5	6	6	22	19	15	15	16
8	7	5	5	6	7	8	11	12	15	14	10	7	****	****	12	17	19	19	14	13	10	10	12	10	11
9	10	7	6	6	7	11	15	25	27	23	22	19	21	22	25	21	25	20	15	12	14	17	19	16	17
10	13	13	9	8	9	8	10	13	14	12	12	15	5	3	5	12	18	10	16	13	10	7	6	10	10
11	4	3	1	1	2	3	3	4	7	11	6	3	5	5	5	6	15	26	25	34	24	15	14	18	10
12	18	11	14	15	20	18	37	51	54	11	8	8	10	8	2	3	5	12	18	10	3	3	1	1	14
13	1	0	0	1	1	2	16	16	9	22	22	3	2	2	2	2	3	4	****	28	20	17	20	19	9
14	6	11	2	1	3	2	3	5	10	7	10	14	12	****	9	8	8	3	2	2	1	1	1	1	5
15	2	4	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	-	0	0	0	2	0	1
16	0	0	0	3	1	1	1	2	2	2	2	2	2	2	2	3	6	7	16	-	17	-	1	0	3
17	0	0	0	0	0	0	0	1	1	1	1	1	1	2	4	2	2	2	4	14	7	4	4	3	2
18	2	3	4	2	2	3	3	-	8	3	1	0	0	0	0	1	1	1	1	1	-	1	2	****	2
19	2	2	3	3	3	4	7	12	45	51	43	31	21	21	22	26	22	23	20	18	15	13	13	13	18
20	11	10	8	8	8	10	15	23	26	24	****	19	20	21	21	29	30	31	23	23	26	30	25	24	20
21	19	17	17	13	10	9	12	9	9	7	15	21	18	19	20	20	19	19	15	13	12	14	14	11	15
22	10	8	7	7	7	10	20	23	31	32	33	23	3	3	3	3	4	5	5	5	4	3	3	4	11
23	3	3	3	3	3	3	3	4	16	10	3	3	2	4	7	16	32	26	20	18	17	17	15	17	10
24	16	12	10	6	7	10	12	25	24	21	4	3	2	2	2	2	2	2	2	2	2	1	2	2	7
25	2	2	1	1	1	1	1	1	2	2	1	0	0	0	1	2	2	1	1	1	1	1	0	0	1
26	1	1	1	1	1	1	1	2	3	4	3	3	3	3	3	2	4	****	6	3	3	4	3	4	3
27	2	2	4	9	5	3	9	19	30	37	27	22	21	16	24	33	25	20	13	12	10	10	12	12	16
28	11	15	9	11	16	20	29	37	30	23	23	25	23	32	29	34	29	50	47	29	43	13	5	4	24
MEAN	7	7	6	5	6	7	10	16	18	15	13	11	9	9	10	12	14	14	14	12	12	9	9	10	10.6

PERCENTAGE OF OATA VALIO - 97.8 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.9

NDTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	3	1	1	1	2	1	1	1	2	2	1	2	2	2	2	2	1	2	18	25	17	4
2	14	10	8	4	5	7	13	28	25	****	20	23	21	30	20	12	14	-	****	10	8	9	9	7	14
3	5	5	5	4	3	3	5	5	5	6	3	1	1	1	2	1	1	1	2	1	2	8	4	1	3
4	1	1	1	1	1	1	1	1	1	1	1	5	12	13	10	11	10	11	13	13	11	10	10	13	6
5	11	10	8	8	8	9	12	19	21	16	14	14	14	14	16	17	19	19	17	14	12	13	20	18	14
6	9	9	8	8	7	13	23	27	39	28	16	17	17	16	18	18	17	19	15	12	11	12	11	11	16
7	-	****	14	9	12	7	10	29	13	9	2	1	2	1	1	1	1	1	2	2	3	4	3	5	6
8	6	7	6	10	7	3	6	11	13	7	6	7	7	6	4	2	3	3	4	3	3	2	7	11	6
9	5	2	3	11	16	9	22	37	19	16	9	7	4	3	3	3	3	2	2	2	2	1	1	16	8
10	13	9	8	7	7	8	8	10	12	12	13	12	12	11	11	11	11	11	12	11	6	5	3	4	9
11	4	3	3	1	1	1	1	1	2	3	5	6	7	8	8	8	8	9	8	8	8	7	7	6	5
12	5	6	3	1	2	3	8	12	13	11	11	12	10	****	11	11	13	12	11	13	12	21	-	17	10
13	17	10	7	9	9	15	26	36	34	21	20	19	16	14	15	15	18	17	12	12	10	8	8	8	16
14	8	10	8	9	8	7	12	13	16	14	****	****	11	13	12	14	16	18	12	10	9	7	6	6	11
15	3	3	3	3	3	6	13	18	17	17	15	13	13	13	12	13	14	13	10	8	11	15	16	15	11
16	14	13	12	13	9	-	16	20	25	20	18	20	18	19	20	21	21	22	23	22	19	18	16	17	18
17	16	16	14	12	14	15	14	15	22	26	24	28	11	5	5	5	5	4	5	3	3	8	8	6	12
18	6	8	11	12	11	11	11	11	8	6	5	4	3	3	2	2	2	2	2	3	19	25	2	1	7
19	0	0	0	1	2	2	1	1	7	3	1	1	1	1	1	1	1	1	1	1	2	5	21	47	4
20	33	27	18	14	13	23	39	37	32	45	20	5	4	5	3	2	2	-	****	6	36	****	41	42	21
21	37	22	17	25	23	27	39	37	19	14	8	6	5	6	4	3	3	3	3	8	35	35	32	38	19
22	28	26	41	32	34	27	21	12	7	7	8	8	8	6	6	7	7	8	9	7	5	4	3	4	14
23	8	8	2	1	2	2	7	8	2	1	2	2	2	2	2	2	3	3	2	2	2	8	13	11	4
24	4	2	1	1	1	1	3	4	3	3	3	13	2	3	3	3	12	20	19	15	13	13	14	13	7
25	12	9	8	7	6	6	7	7	8	8	10	11	12	13	14	15	15	15	14	13	13	12	12	10	11
26	6	5	4	3	3	5	13	15	13	13	12	****	11	12	12	12	14	12	11	12	13	11	9	9	10
27	5	4	4	3	3	5	12	18	20	20	19	17	17	16	17	17	19	20	15	12	9	9	11	10	13
28	7	8	7	12	13	16	22	14	14	18	21	16	15	6	2	1	1	1	1	1	1	1	1	1	8
29	8	12	10	9	****	13	19	24	26	23	24	****	26	25	27	7	6	8	11	11	9	9	9	5	15
30	3	1	1	1	1	3	4	3	-	2	1	2	1	1	17	22	21	22	22	24	26	15	14	16	10
31	13	13	11	9	10	11	13	16	16	14	12	13	15	14	14	13	15	16	16	8	3	1	1	1	11
MEAN	10	9	8	8	8	9	13	16	15	13	11	10	10	9	9	9	10	10	10	9	10	10	11	12	10.4

PERCENTAGE OF OATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NDTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	4	2	1	1	21	****	****	19	20	****	18	17	14	12	10	10	6	7
3	6	8	6	4	3	5	13	15	16	14	17	18	18	19	22	25	3	2	2	1	1	3	5	4	10
4	4	4	3	3	3	3	3	2	1	1	1	1	1	1	****	1	****	1	1	1	1	1	1	5	2
5	8	13	10	10	10	****	16	17	-	-	****	12	14	15	17	18	18	17	17	13	9	8	9	9	13
6	12	8	5	4	4	7	9	10	11	9	****	1	2	2	2	4	5	5	4	4	4	4	4	4	5
7	3	3	3	2	2	3	5	8	10	12	12	11	12	12	12	13	14	14	14	12	9	8	8	10	9
8	9	10	5	3	2	3	3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	1	1	2	4	2	2	2	2	2	3	1	2	6	11	8	7	4	3
10	4	4	3	3	4	5	15	19	28	21	4	1	1	12	19	21	21	18	17	16	13	15	14	7	12
11	4	2	9	11	13	2	4	7	3	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	3
12	0	0	0	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	6	9	9	10	10	13	13	13	14	13	12	15	14	23	19	12	8	8	10	10
15	7	4	3	2	2	2	2	3	4	7	9	11	12	12	12	11	13	11	11	14	12	11	11	8	8
16	4	4	2	2	2	6	13	17	17	16	17	18	21	6	19	12	2	****	10	16	****	14	12	13	11
17	3	1	5	6	6	8	16	34	29	25	21	17	****	-	-	25	26	13	7	23	13	11	11	12	15
18	9	8	6	4	6	8	18	33	3	2	1	****	-	-	7	14	2	2	1	5	20	19	16	11	9
19	8	8	6	5	6	12	26	39	22	3	3	3	2	2	****	2	3	3	3	11	7	5	7	5	8
20	3	1	4	11	10	17	28	41	10	5	5	5	4	3	3	3	3	3	3	12	24	4	15	20	10
21	18	18	18	11	7	5	6	7	5	3	3	6	4	3	3	3	2	2	5	3	5	13	18	15	8
22	16	13	12	10	10	11	11	5	3	3	3	3	26	26	26	26	26	27	19	33	31	21	18	16	16
23	14	11	8	5	9	9	17	12	11	8	6	4	4	3	2	2	2	2	2	2	2	9	39	17	8
24	5	5	7	7	6	8	4	4	3	2	2	****	****	****	8	7	6	6	6	5	6	7	9	8	6
25	2	2	1	1	1	****	6	5	3	2	2	2	2	2	2	2	2	2	2	2	8	2	2	9	3
26	1	1	1	1	1	11	21	26	26	25	****	8	19	18	23	31	36	11	2	2	2	2	2	2	12
27	2	7	4	4	4	10	16	18	19	17	17	21	24	18	18	24	19	17	16	14	11	10	12	12	14
28	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	8	7	8	2
29	7	4	3	1	1	2	5	7	10	11	13	16	15	15	18	19	20	23	17	21	17	19	16	9	12
30	2	4	3	4	11	3	3	3	2	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	5	5	4	4	4	5	9	12	9	7	6	7	8	8	10	10	9	8	7	9	8	8	9	8	7.4

PERCENTAGE OF DATA VALID - 94.7 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	15	22	17	12	16	15	17	15	12	******
2	10	11	11	3	4	5	7	4	4	4	3	3	2	1	1	2	1	1	1	1	****	0	1	0	3
3	0	0	****	0	0	0	****	1	1	1	2	1	1	1	2	3	3	12	9	7	7	7	9	5	3
4	4	2	2	3	6	16	6	30	18	18	24	19	21	26	26	22	-	24	20	16	13	10	10	8	15
5	5	3	2	2	3	7	10	12	9	0	1	1	1	****	****	1	11	15	14	12	12	1	****	1	6
6	0	****	****	0	0	0	1	1	0	0	0	****	1	****	****	****	0	0	1	1	****	****	****	****	******
7	****	****	****	****	0	0	****	7	1	1	****	1	1	1	1	2	1	1	1	2	4	4	4	4	2
8	5	7	8	2	1	6	10	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
9	1	7	12	12	14	28	31	30	24	21	16	18	16	19	20	19	19	17	16	17	17	28	26	24	19
10	25	16	12	13	18	24	30	42	7	0	0	0	0	****	****	7	2	2	2	2	2	2	1	1	9
11	4	10	2	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	2
12	2	7	12	10	8	13	21	17	20	16	18	20	21	23	9	4	4	12	16	6	4	2	3	10	12
13	11	6	4	2	1	3	3	6	9	12	14	14	15	14	18	17	16	16	17	22	21	16	16	10	12
14	11	10	9	10	14	24	24	21	22	27	****	18	19	20	22	22	19	20	21	5	11	21	19	14	18
15	11	10	7	6	8	18	10	5	4	4	****	2	3	2	2	11	3	2	7	13	10	11	20	11	8
16	8	4	3	4	6	13	18	21	19	19	22	20	20	2	1	1	1	1	1	2	2	6	6	5	9
17	-	2	2	****	5	5	9	3	2	2	4	5	4	3	3	3	2	1	1	1	2	2	2	1	3
18	2	4	5	7	7	4	4	2	****	2	1	1	1	1	1	3	1	1	1	3	2	2	4	6	3
19	5	1	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	2	6	7	8	11	12	14	17	11	1	1	1	1	1	1	1	2	5	5	2	5
21	****	10	8	6	5	7	3	1	5	1	7	13	13	14	12	13	16	14	15	16	10	10	18	12	10
22	9	3	3	1	10	11	3	2	4	5	4	2	1	0	1	1	1	0	0	1	0	0	0	****	3
23	0	0	0	1	0	4	4	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
24	1	2	2	1	1	2	4	3	3	3	3	1	0	1	1	1	1	1	1	1	1	0	1	0	1
25	2	0	0	1	-	****	1	2	2	2	****	2	2	****	5	4	2	2	2	2	2	2	2	1	2
26	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	4	17	12	13	11	11	13	13	4
27	14	12	9	6	6	7	9	9	11	16	17	16	9	1	1	2	1	1	1	1	1	4	5	10	7
28	10	4	10	12	****	24	38	17	6	4	****	26	****	34	27	31	25	26	22	25	20	17	16	13	19
29	7	7	7	9	14	22	32	33	32	25	15	7	3	3	5	3	12	18	23	6	5	3	2	3	12
30	1	2	1	1	1	2	8	30	34	7	6	5	3	****	2	2	3	24	25	18	27	9	26	18	11
31	13	13	11	14	16	12	7	7	6	5	5	6	4	2	2	2	2	2	2	2	2	2	1	1	6
MEAN	6	6	5	5	5	9	11	11	9	7	7	8	6	7	6	7	6	8	8	7	7	7	8	7	7.2

PERCENTAGE OF DATA VALID - 92.5 PERCENTAGE OF DATA INVALID - 7.1 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	2	3	2	1	1	****	1	****	-	-	1	2	1	1	1	2	2	2	3	2	2
2	1	1	1	4	8	9	11	14	18	19	22	15	1	2	2	10	18	18	16	17	16	15	16	16	11
3	16	13	6	6	6	11	11	11	12	16	16	14	15	14	15	14	15	17	18	20	21	21	20	18	14
4	13	7	6	13	14	23	30	27	26	30	10	6	11	15	22	23	21	17	17	17	15	12	16	15	17
5	12	10	12	12	16	19	25	24	21	23	25	-	22	25	26	25	30	14	3	3	3	3	3	2	16
6	2	2	2	2	2	1	2	1	1	****	****	2	2	2	2	2	2	1	1	1	1	2	4	2	2
7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	7	2	2	2
8	1	4	5	2	1	1	2	14	****	18	18	17	18	18	19	21	19	19	18	17	17	16	18	15	13
9	17	11	10	7	7	12	15	19	5	5	5	5	3	3	3	2	2	2	2	2	2	2	2	1	6
10	1	1	1	1	1	1	1	7	11	11	13	13	12	11	9	9	11	13	12	13	13	9	12	10	8
11	8	7	7	7	8	13	18	19	21	20	20	17	20	21	23	25	24	-	-	1	2	7	15	11	14
12	9	5	5	5	10	18	27	22	17	26	23	23	23	21	21	23	22	20	****	15	14	15	13	10	17
13	7	6	6	7	8	17	25	25	****	19	20	19	20	23	25	26	27	24	24	23	15	22	29	17	19
14	10	9	8	8	****	24	45	27	16	3	****	****	32	25	21	21	18	18	17	17	15	25	24	14	19
15	10	10	10	10	16	20	24	23	****	****	****	****	19	18	18	17	16	15	15	15	15	16	17	12	16
16	11	12	11	10	12	13	14	15	15	14	15	17	18	13	13	15	14	14	13	15	16	17	18	14	14
17	12	10	7	7	5	7	9	9	10	13	14	13	13	12	12	12	12	15	17	17	15	16	15	9	12
18	6	5	4	4	2	3	3	2	2	2	****	1	1	2	2	3	2	2	2	1	2	3	11	12	3
19	8	7	6	7	5	9	6	4	3	2	2	1	1	1	1	1	1	1	1	2	1	1	2	2	3
20	4	3	3	3	3	3	3	2	2	****	37	****	1	1	2	2	2	2	2	1	7	10	5	9	5
21	8	8	8	9	10	17	19	23	22	22	21	20	22	23	23	22	19	19	16	14	15	14	12	10	17
22	7	7	9	11	10	16	25	28	****	21	19	17	15	16	14	14	-	16	15	15	13	11	10	10	15
23	7	5	3	3	3	4	7	8	11	13	15	13	14	13	13	13	13	12	14	14	12	11	11	9	10
24	8	5	****	3	2	4	4	****	2	2	1	1	1	1	1	1	1	1	1	2	2	6	4	1	2
25	1	1	1	3	1	2	2	2	2	3	4	3	2	1	****	1	-	1	1	1	6	10	10	13	3
26	13	18	17	12	7	7	17	10	7	7	7	6	3	3	8	20	19	19	16	16	15	18	23	13	13
27	10	8	7	8	9	18	24	23	15	19	20	18	20	****	15	19	22	20	24	17	12	14	17	12	16
28	4	6	8	8	4	3	4	6	5	3	3	4	5	4	2	3	2	2	2	2	2	2	2	2	4
29	2	1	2	1	1	2	2	2	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	-	2
30	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	-	3	2	2	2	2	1	1	2	1
MEAN	7	6	6	6	6	9	13	13	10	12	13	10	11	11	11	12	12	11	10	10	9	10	11	9	9.8

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	4	2	2	2	4	5	9	14	14	14	19	19	16	16	15	17	25	24	12	4	4	3	10
2	3	3	3	6	6	6	8	8	9	13	15	13	13	13	13	14	14	19	19	18	13	9	10	9	11
3	9	5	4	5	8	14	19	24	26	29	****	20	20	24	27	28	24	10	5	3	4	3	4	4	14
4	2	2	2	3	3	3	3	3	4	4	3	3	21	8	18	16	9	4	11	12	10	15	14	10	8
5	3	6	6	5	10	22	28	24	22	21	4	****	1	2	1	1	1	1	7	24	24	15	11	9	11
6	6	5	4	7	7	14	19	20	20	24	27	26	****	****	22	4	2	3	1	2	2	4	10	6	11
7	10	9	7	6	7	11	14	16	23	20	6	6	20	10	16	15	20	18	18	18	17	15	15	13	14
8	14	11	8	5	8	8	8	13	5	4	3	3	3	2	2	2	2	2	2	2	10	10	28	26	8
9	17	21	11	10	6	6	9	10	6	4	2	3	****	2	2	2	3	2	2	3	2	2	9	10	6
10	8	6	7	8	9	20	23	27	26	23	25	-	19	20	23	18	14	21	16	11	13	13	15	13	16
11	11	10	7	6	9	21	24	5	5	4	4	4	3	2	5	21	20	19	6	5	13	9	12	13	10
12	14	12	7	9	11	16	23	26	29	****	****	6	9	5	4	3	3	2	13	16	18	24	29	17	13
13	14	9	7	6	11	8	6	5	5	4	****	2	2	2	2	2	2	2	2	2	4	5	4	4	5
14	5	3	3	3	3	3	3	4	3	3	3	4	4	3	2	2	2	9	9	16	16	15	15	13	6
15	9	8	7	6	7	7	7	6	7	12	6	2	8	15	17	15	14	15	18	21	14	4	13	14	11
16	10	5	2	4	8	14	22	27	27	12	****	****	2	2	2	6	5	3	2	2	2	3	12	****	8
17	5	2	2	2	2	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	1	2	5	9	5	3	2	3	4	3	3	2	1	1	1	1	7	13	13	6	8	4
19	9	8	5	3	9	14	22	27	30	28	26	24	23	23	21	10	2	2	4	14	19	15	14	9	15
20	8	6	6	6	7	12	23	32	****	****	21	18	5	3	2	2	1	1	12	18	18	21	15	12	11
21	****	19	9	6	7	9	14	18	21	8	4	4	4	4	3	3	2	2	11	14	17	13	13	12	9
22	11	7	5	4	8	7	-	8	11	14	16	16	14	15	16	15	16	18	17	16	15	17	19	13	13
23	****	8	7	7	9	20	28	31	16	****	4	3	2	2	2	2	2	2	2	10	13	13	12	11	9
24	10	9	7	6	8	14	24	30	25	23	22	16	14	20	18	17	16	15	13	12	12	10	11	11	15
25	9	6	5	5	6	12	18	22	21	20	19	18	16	14	15	15	12	12	15	16	12	11	14	12	14
26	9	8	8	7	8	12	18	21	17	13	14	15	****	8	16	****	21	16	15	15	15	15	11	6	13
27	5	4	5	5	6	10	13	4	2	2	2	2	2	-	1	1	1	1	1	1	4	17	19	17	5
28	11	10	7	8	6	2	4	4	3	4	8	11	12	12	13	13	12	11	13	15	12	11	12	9	9
29	9	5	4	4	3	7	9	10	9	2	2	2	2	2	1	1	1	1	2	18	19	21	7	6	
30	4	3	2	2	2	4	3	3	11	6	4	3	-	2	2	1	1	8	20	23	20	10	15	6	7
31	3	7	6	6	8	17	19	18	17	19	17	18	17	16	16	15	15	17	17	16	21	19	9	3	14
MEAN	8	7	5	5	7	10	14	15	14	12	10	9	10	9	10	9	8	8	10	12	12	11	13	10	9.9

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 2.4 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	****	1
2	0	0	1	1	1	3	23	18	14	13	13	12	14	14	13	11	14	14	10	13	14	16	16	11	11
3	11	10	7	7	7	13	28	****	****	26	24	20	18	17	16	16	15	15	17	17	16	15	17	15	16
4	11	9	6	6	6	10	15	14	14	17	15	13	13	12	15	15	14	14	14	17	16	13	13	12	13
5	11	12	11	9	9	9	10	14	17	18	19	20	29	34	42	47	50	54	60	57	54	50	48	44	30
6	37	31	28	26	24	22	20	20	21	23	27	27	25	23	23	24	24	24	23	24	22	19	25	26	25
7	22	19	19	15	12	16	33	40	16	****	****	****	****	****	7	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	19	17	17	18	20	18	18	20	19	****	19	19	19	14	12	9	******
9	6	5	5	6	8	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1	2	12	5	1	3
10	1	1	1	2	2	5	2	7	8	13	13	11	****	18	14	17	16	17	26	20	18	9	4	12	10
11	9	6	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	1	2
12	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	3	4	5	17	2
13	18	9	5	6	10	21	31	35	12	11	5	13	18	16	15	16	15	12	11	10	10	8	7	6	13
14	7	9	8	8	8	18	26	21	20	13	11	9	11	12	12	12	13	12	-	8	7	7	6	4	11
15	3	2	2	2	4	10	20	25	21	22	25	22	22	23	24	22	25	8	17	19	17	17	15	8	16
16	5	4	4	4	7	15	25	33	30	3	4	3	2	1	0	1	1	1	1	2	22	17	20	16	9
17	10	9	8	8	11	27	40	30	7	15	23	22	25	25	27	27	30	19	36	31	20	-	16	13	21
18	3	3	5	1	1	12	15	15	23	23	26	27	26	30	28	4	1	1	1	1	2	2	1	1	11
19	13	7	4	2	2	4	7	9	1	1	1	1	1	1	1	1	1	1	1	2	2	19	35	26	6
20	16	9	7	5	4	27	40	34	11	7	6	5	4	4	2	2	2	2	2	2	1	2	2	5	8
21	5	4	4	3	3	7	8	6	7	6	7	6	4	2	1	1	1	1	1	1	1	2	10	7	4
22	3	2	3	1	2	4	5	4	2	1	1	1	0	0	0	0	1	1	0	1	0	0	0	1	1
23	3	4	3	4	2	2	2	2	2	19	22	19	-	-	-	22	25	24	21	15	21	10	2	2	11
24	6	5	6	9	11	18	24	26	-	23	21	20	22	21	22	24	20	23	25	28	26	21	14	14	19
25	9	5	6	10	11	14	17	18	21	20	11	14	15	15	15	16	16	17	18	17	18	15	17	7	14
26	7	6	6	6	5	4	3	2	2	2	2	3	2	1	1	1	1	1	1	2	2	5	5	2	3
27	2	2	1	1	6	14	16	5	3	2	2	1	1	1	1	1	13	27	27	27	18	19	26	15	10
28	7	6	3	3	3	4	6	8	6	3	2	2	2	2	1	2	1	1	1	1	1	1	7	11	4
29	13	3	2	1	1	1	12	30	25	22	23	17	18	18	19	17	18	19	17	15	16	16	17	15	15
30	14	14	14	9	11	22	31	34	27	24	23	19	18	-	-	20	19	21	22	22	25	21	18	14	20
31	11	9	8	8	12	20	30	40	30	11	7	4	1	1	1	1	1	1	1	1	1	2	2	4	9
MEAN	9	7	6	6	6	11	17	17	13	12	12	11	11	11	11	11	12	11	13	13	13	12	12	11	11.1

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	11	16	15	14	11	15	14	8	7	6	5	4	3	2	2	2	1	1	1	1	2	3	11	13	7	
2	9	8	5	4	4	4	5	8	11	15	17	18	16	16	16	15	16	17	18	16	15	14	14	15	12	
3	13	11	10	9	4	5	8	9	12	17	20	13	13	19	23	23	25	29	34	15	5	2	2	2	13	
4	1	1	1	1	1	1	2	3	4	4	4	3	1	1	1	1	1	1	1	1	1	1	1	3	5	2
5	4	3	3	3	4	4	7	-	8	5	3	2	2	1	1	1	1	1	1	1	1	2	3	4	3	
6	4	4	3	3	2	5	10	15	37	26	25	23	19	18	19	19	18	17	15	14	12	13	13	10	14	
7	7	6	5	6	7	19	18	6	3	3	3	3	4	4	3	3	3	2	4	6	10	13	13	11	7	
8	7	3	2	2	3	1	1	2	1	1	1	1	1	2	1	1	1	1	1	1	5	4	3	1	2	
9	5	6	3	2	2	2	8	12	13	5	3	2	9	-	23	22	24	24	27	29	33	35	28	23	15	
10	15	8	7	11	17	21	30	31	26	21	19	19	20	23	26	28	28	22	24	10	3	1	2	3	17	
11	2	1	2	2	1	3	5	5	5	5	4	3	1	-	-	-	-	-	-	-	-	-	-	-	******	
12												- DATA UNAVAILABLE -														
13												- DATA UNAVAILABLE -														
14												- DATA UNAVAILABLE -														
15												- DATA UNAVAILABLE -														
16												- DATA UNAVAILABLE -														
17												- DATA UNAVAILABLE -														
18												- DATA UNAVAILABLE -														
19	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	4	-	15	14	11	3	3	11	******	
20	11	11	8	9	21	39	50	54	25	19	18	15	16	18	18	20	19	17	19	16	15	15	13	14	20	
21	9	7	9	9	7	15	23	25	-	18	21	17	19	21	30	18	2	2	2	2	-	1	1	3	12	
22	2	2	3	1	0	0	1	1	1	2	2	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
23	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	5	1	3	1	
24	5	7	8	14	17	30	41	17	7	2	1	1	0	1	1	1	1	1	1	3	10	23	19	11	9	
25	11	9	9	9	10	18	28	28	26	23	25	19	-	21	-	18	18	17	17	15	13	13	11	11	17	
26	9	8	7	5	6	13	22	25	25	26	23	6	2	4	20	24	29	33	24	29	27	23	22	20	18	
27	16	11	10	11	13	22	28	31	27	17	18	24	25	26	31	36	34	33	19	16	27	37	36	27	24	
28	12	8	9	8	8	16	20	23	22	26	28	34	37	34	25	8	2	1	1	1	1	1	3	6	14	
29	7	6	7	8	5	6	8	7	4	2	1	1	1	1	1	0	1	1	1	1	2	3	7	11	4	
30	7	4	3	3	5	6	8	10	9	14	14	7	3	2	1	5	14	16	18	13	12	8	3	2	8	
MEAN	8	6	6	6	7	11	15	15	13	12	12	10	9	10	12	11	11	11	11	9	10	10	10	9	10.2	

PERCENTAGE OF DATA VALID - 72.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 27.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	3	5	4	5	6	8	8	6	4	2	1	1	0	1	1	3	3	3
2	7	7	5	3	5	2	2	3	5	3	-	-	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	1	8	12	25	25	24	25	21	18	15	14	15	14	13	13	14	12	11
4	10	7	8	6	8	24	24	25	2	1	1	0	0	11	7	4	4	6	2	2	2	3	11	10	7
5	6	6	5	5	7	16	24	28	27	25	26	32	-	-	32	27	21	24	17	10	10	9	8	8	17
6	10	10	12	9	9	10	14	17	19	21	23	18	21	21	23	21	9	6	15	13	7	9	11	11	14
7	10	7	7	5	1	5	4	3	5	7	8	10	10	9	9	10	11	11	9	9	9	7	7	4	7
8	2	-	1	1	1	2	5	5	10	14	20	20	16	22	24	3	2	1	8	3	1	5	12	17	8
9	6	7	7	7	5	9	2	10	-	-	-	-	0	10	26	22	29	22	16	9	10	14	19	14	12
10	9	7	-	8	3	-	21	19	11	-	-	-	30	30	39	42	24	32	22	19	12	16	19	12	20
11	6	7	10	12	14	29	41	51	64	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
12	-	-	-	-	-	-	-	-	-	26	22	23	23	24	24	23	31	37	32	19	18	10	9	11	******
13	13	11	9	8	8	11	13	14	16	14	13	12	13	14	14	13	16	18	19	17	10	11	9	6	13
14	8	5	3	1	1	2	3	5	7	10	11	14	14	15	14	12	13	15	16	22	22	19	18	14	11
15	12	12	12	13	15	24	34	-	33	28	28	23	25	24	25	24	24	22	23	26	26	9	1	1	20
16	1	1	1	0	0	1	1	0	-	-	-	-	0	0	0	0	0	0	0	0	0	5	5	5	1
17	4	5	6	6	7	8	10	-	-	10	12	15	15	17	12	14	13	11	10	9	10	23	21	13	11
18	8	7	7	2	1	1	6	6	5	7	2	0	0	0	0	0	0	0	0	0	0	1	1	1	2
19	1	1	2	2	1	1	1	1	-	1	1	1	1	1	1	-	-	2	17	12	10	12	13	11	4
20	10	10	8	8	8	12	17	19	19	18	14	14	14	13	13	16	18	15	11	8	6	9	10	10	13
21	10	9	8	7	6	7	10	11	12	12	10	10	11	12	13	14	14	16	16	17	17	15	17	16	12
22	11	9	9	10	13	20	24	35	22	14	13	12	16	15	21	26	28	33	28	22	6	1	1	1	16
23	2	5	8	9	9	24	36	25	17	18	18	20	18	18	19	19	20	15	15	12	12	13	14	11	16
24	8	8	8	8	9	14	17	20	20	19	20	18	12	13	13	16	15	15	10	7	7	-	8	5	13
25	4	4	3	4	5	12	21	23	18	15	18	19	25	21	23	23	20	16	12	10	10	12	14	9	14
26	8	5	3	3	4	13	24	25	20	23	11	22	20	-	30	29	23	26	23	21	19	12	-	12	17
27	10	8	4	4	3	8	12	18	17	17	16	20	19	2	1	1	1	2	1	2	1	1	2	2	7
28	3	1	1	1	1	4	7	9	9	7	11	13	15	16	16	16	17	19	18	13	11	10	11	11	10
29	7	5	4	2	4	8	21	-	-	29	32	17	16	32	34	20	5	6	5	4	4	5	6	4	12
30	5	4	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	1	1	0	1	1
31	1	1	1	1	1	1	1	6	1	1	1	3	1	1	6	2	2	1	1	1	2	1	5	4	2
MEAN	6	6	5	5	5	9	13	14	15	14	14	14	13	14	16	14	13	13	12	10	9	9	9	8	10.7

PERCENTAGE OF DATA VALID - 92.7 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 7.3

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	6	2	3	4	7	34	28	21	20	21	26	31	31	3	18	30	19	16	13	10	12	12	16
2	12	9	8	9	10	13	19	26	29	23	16	17	18	19	24	27	25	25	23	22	17	10	11	12	18
3	12	10	9	8	6	7	10	13	20	19	20	20	13	15	16	16	20	17	12	15	12	10	8	-	13
4	11	7	6	8	3	3	6	7	5	7	12	13	14	16	18	22	26	4	15	22	19	18	16	18	12
5	16	10	11	13	9	18	13	13	13	6	6	9	5	1	1	19	16	24	5	8	1	2	10	9	10
6	7	7	6	5	4	9	11	14	22	14	14	14	15	16	14	9	8	7	6	6	15	16	13	15	11
7	18	9	5	5	5	6	14	23	21	22	18	19	15	16	17	19	22	17	15	13	10	10	11	19	15
8	14	12	10	6	5	-	-	26	22	17	16	17	18	19	18	22	21	16	16	15	15	14	14	15	16
9	14	7	6	10	11	7	7	7	14	17	10	3	3	1	1.	1	1	2	2	-	2	3	3	4	6
10	7	8	9	6	5	3	6	8	12	14	18	20	18	18	18	-	20	23	24	20	17	7	7	10	13
11	3	1	-	1	1	1	1	2	2	2	14	11	-	12	15	13	11	10	15	16	16	15	13	9	8
12	7	7	5	-	4	4	14	7	3	2	1	1	2	2	2	2	2	4	23	8	6	7	8	11	6
13	10	10	5	9	9	8	7	7	7	6	-	4	3	5	10	21	39	16	20	23	19	17	13	8	12
14	6	5	5	4	4	7	17	22	26	21	26	25	20	20	21	18	18	19	18	18	13	13	12	12	15
15	15	18	15	15	14	14	30	31	30	22	17	19	19	23	24	21	19	16	15	13	11	9	12	9	18
16	4	3	1	1	0	0	0	1	9	24	23	26	18	15	16	21	21	24	22	16	14	12	9	10	12
17	8	10	7	6	7	8	7	10	13	16	14	13	13	14	13	17	18	21	28	22	30	25	23	23	15
18	18	20	12	7	7	9	6	7	8	6	11	8	8	6	6	6	7	7	4	2	2	2	4	4	7
19	7	16	6	2	1	2	3	4	5	4	-	-	7	8	7	6	4	5	3	3	3	4	2	2	5
20	2	2	5	9	10	12	21	28	27	21	-	15	16	16	15	15	20	24	19	19	15	19	17	4	15
21	1	3	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	-	1	0	0	1	1	1	1
22	9	10	3	1	5	9	15	21	21	21	17	19	20	21	23	23	19	19	14	11	9	9	10	9	14
23	-	6	6	7	9	4	2	7	-	34	24	20	18	22	24	26	29	17	24	27	20	5	2	3	15
24	7	10	-	2	2	4	4	8	8	8	10	12	14	15	15	15	16	16	18	14	15	-	15	17	11
25	21	13	14	13	7	6	4	5	4	5	5	3	1	1	1	1	0	0	0	0	0	0	0	0	4
26	0	0	1	2	1	3	2	6	28	-	18	14	11	12	13	14	13	11	8	9	8	7	7	7	8
27	5	6	7	8	6	7	11	16	18	16	15	14	13	15	17	21	24	26	24	16	5	4	6	3	13
28	2	1	1	1	1	3	13	12	12	11	11	11	10	11	14	15	15	14	14	12	11	8	10	10	9
29	5	4	4	4	7	8	13	19	19	15	16	12	12	12	15	-	-	-	15	12	11	12	11	12	11
30	10	9	8	7	7	9	11	14	17	14	15	15	13	13	15	18	18	18	17	16	14	10	10	11	13
MEAN	9	8	6	6	5	6	9	13	15	14	14	14	13	13	14	15	16	15	15	14	11	10	10	10	11.5

PERCENTAGE OF DATA VALIO - 97.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES 8RANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - DEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	7	7	4	5	11	4	1	0	3	2	1	1	2	-	8	4	3	2	2	1	1	1	4
2	1	1	1	0	0	0	1	2	3	2	3	2	4	12	12	11	11	16	15	12	16	15	17	15	7
3	11	11	10	9	8	11	19	22	21	18	21	19	16	17	17	21	-	20	14	14	13	10	9	8	15
4	9	9	9	7	8	8	15	21	23	21	18	18	15	14	13	-	17	18	17	16	14	15	15	16	15
5	13	13	10	7	9	10	18	25	24	20	17	17	15	17	13	15	17	15	12	11	10	10	12	12	14
6	10	8	8	7	8	10	18	25	26	25	21	20	23	22	21	23	17	18	18	15	13	13	13	14	17
7	11	9	11	10	11	11	22	29	33	28	23	-	16	17	17	19	20	17	13	14	14	9	8	7	16
8	6	2	2	1	1	1	3	S	8	9	11	13	10	7	12	14	14	10	-	7	9	7	9	9	7
9	9	8	6	5	5	5	6	6	8	8	12	11	10	11	12	12	13	13	13	10	14	10	10	8	9
10	6	4	4	4	8	3	2	13	7	3	4	3	4	6	24	37	25	5	2	7	18	15	13	11	10
11	15	11	9	8	8	10	17	20	23	14	16	20	16	17	20	20	25	25	18	15	13	14	11	11	16
12	11	7	9	6	8	7	11	17	24	22	19	20	18	18	20	16	29	25	11	1	1	1	1	0	13
13	0	0	0	1	1	1	2	3	2	0	0	0	0	3	6	6	5	28	18	16	18	11	7	9	6
14	8	10	4	6	6	12	17	24	16	14	-	-	12	-	11	-	16	15	15	16	14	12	10	8	12
15	12	12	11	12	12	11	19	27	30	19	15	18	15	13	13	15	21	20	19	18	16	13	10	13	16
16	12	12	12	7	10	9	8	9	10	12	15	14	11	15	14	19	5	6	6	7	7	6	5	5	10
17	4	3	2	2	3	2	6	6	23	20	18	-	18	10	11	13	18	17	17	14	11	13	13	12	11
18	11	10	10	10	9	10	15	20	24	30	24	4	4	3	3	4	7	7	9	2	1	1	2	2	9
19	2	3	5	9	3	1	2	2	2	3	3	3	2	2	4	2	1	1	0	0	0	0	1	4	2
20	4	4	1	1	5	3	4	5	7	6	-	9	11	9	10	14	18	19	19	20	31	21	22	19	11
21	19	18	22	22	30	32	41	37	15	21	14	11	12	12	12	11	25	53	57	38	42	36	39	17	27
22	24	16	7	8	5	6	7	9	14	13	15	16	15	16	23	24	23	20	17	16	13	14	10	8	14
23	7	14	8	6	4	4	6	6	7	7	12	14	17	18	20	19	16	14	14	17	16	14	16	15	12
24	11	5	4	5	4	3	6	4	3	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
25	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
26	3	2	1	0	0	1	1	5	5	6	11	17	18	16	17	16	15	15	17	16	8	7	7	10	9
27	6	4	1	1	1	3	8	13	17	15	18	16	19	19	19	19	22	21	11	9	9	7	6	6	11
28	4	3	3	1	1	3	8	13	14	-	-	10	9	9	11	12	13	13	10	12	13	9	8	7	8
29	6	4	3	2	3	1	4	8	8	7	10	13	11	11	12	11	12	9	8	8	7	7	8	9	8
30	6	5	4	4	5	7	4	5	4	6	8	11	12	14	16	16	12	12	12	10	12	12	15	11	9
31	11	23	4	2	1	2	6	13	15	-	12	12	13	13	16	21	22	17	15	15	15	11	6	-	12
MEAN	8	8	6	6	6	6	10	13	13	12	12	11	11	11	13	15	15	15	13	12	12	10	10	9	10.7

PERCENTAGE OF OATA VALIO - 98.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILA8LE - 2.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES 8RANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	30	11.7	24	59
FEB	28	10.6	24	S8
MAR	31	10.4	21	47
APR	29	7.4	16	41
MAY	29	7.2	19	42
JUN	30	9.8	19	4S
JUL	31	9.9	16	32
AUG	29	11.1	30	60
SEP	21	10.2	24	54
OCT	29	10.7	20	64
NOV	30	11.5	18	39
OEC	31	10.7	27	S7
YEAR	348	10.1	30	64

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	170	189	259	66	21	3	1	709
FEB	262	133	162	73	18	5	4	657
MAR	246	153	253	52	18	5	0	727
APR	373	106	158	36	8	1	0	682
MAY	406	89	135	49	8	1	0	688
JUN	282	99	232	73	2	1	0	689
JUL	267	152	231	70	2	0	0	722
AUG	290	92	201	99	17	6	4	709
SEP	242	70	124	65	17	2	1	521
OCT	238	145	202	86	15	2	2	690
NOV	173	165	273	82	6	0	0	699
OEC	208	164	290	55	8	2	2	729
YEAR	3157	1557	2520	806	140	28	14	8222

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.9	0	0.5	3.0	8.0	13.4	21.2	25.2	30.7	35.8	64	10.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	2	3	5	5	6	5	3	3	4	2	2	3	-	5	2	3	2	8	4	3	2	4
2	2	1	1	1	0	1	3	1	-	1	2	1	1	1	6	9	9	6	3	3	-	-	-	2	3
3	-	-	1	1	1	2	3	4	7	4	12	4	4	5	5	5	9	6	4	4	4	3	3	3	4
4	3	2	1	1	-	-	-	-	-	-	5	5	5	5	5	6	8	9	5	4	4	3	2	2	4
5	2	1	1	1	1	2	4	6	7	5	5	5	5	6	6	9	12	12	11	10	10	9	-	10	6
6	9	8	7	9	7	7	6	6	8	9	6	6	6	6	6	5	6	8	6	4	5	6	6	7	7
7	5	5	5	4	4	4	6	10	8	7	7	6	4	5	4	4	4	3	5	5	5	5	5	5	5
8	4	3	4	4	4	4	6	9	10	10	7	5	5	5	5	6	8	8	5	5	4	4	4	4	6
9	4	4	4	3	4	3	4	5	5	4	5	4	5	4	5	6	9	9	7	7	7	7	7	6	5
10	6	4	4	3	4	5	9	10	-	7	7	8	-	5	6	10	10	3	5	7	5	-	5	6	
11	5	5	8	12	14	15	24	36	33	20	11	9	9	8	8	9	14	19	15	-	-	29	28	18	16
12	33	29	36	19	10	5	5	9	16	22	26	17	9	8	10	10	14	14	-	-	20	19	20	19	17
13	18	16	21	21	19	8	6	5	6	6	8	10	8	6	7	7	6	6	5	4	4	7	-	17	10
14	19	19	21	14	6	3	3	4	3	1	1	1	1	1	1	2	1	2	2	2	2	2	1	2	5
15	1	1	1	1	1	1	3	5	6	5	6	5	5	5	5	6	8	6	5	4	2	3	4	5	4
16	5	5	4	4	2	4	7	10	11	-	6	7	7	7	7	9	15	13	12	12	11	15	16	18	9
17	21	21	16	10	8	8	10	16	15	13	18	19	19	26	17	13	13	5	7	4	3	4	4	4	12
18	2	2	2	2	2	2	1	2	3	2	-	-	2	2	2	2	2	5	5	2	2	2	3	3	2
19	2	4	5	6	2	8	14	20	23	27	29	12	-	10	9	6	9	6	6	7	4	4	4	4	10
20	5	11	9	9	9	8	8	10	8	6	9	10	11	11	11	14	18	13	9	6	6	8	6	5	9
21	7	6	10	5	3	3	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	3	4	4	3
22	1	1	1	1	1	-	4	5	6	5	4	5	5	4	4	6	7	-	6	5	4	4	4	4	4
23	4	3	3	3	2	2	6	11	15	13	10	8	8	8	9	7	7	5	7	13	22	30	32	25	11
24	23	17	13	8	7	8	15	16	5	-	-	7	7	9	14	16	11	12	7	5	-	4	-	-	11
25	6	7	8	-	2	1	2	2	4	3	3	3	4	2	2	2	2	3	2	4	1	1	1	1	3
26	2	1	1	2	2	3	7	4	4	2	3	3	2	4	5	7	5	3	2	2	5	6	6	8	4
27	6	6	4	2	2	2	4	5	6	9	6	1	1	13	15	7	10	10	12	5	7	5	4	4	6
28	3	2	2	1	1	0	1	0	2	4	3	3	2	3	1	3	1	1	3	3	3	3	3	3	2
29	2	1	1	1	1	1	3	4	4	5	4	5	4	4	5	5	5	5	4	2	4	3	4	4	3
30	2	2	1	1	1	1	2	2	4	-	4	2	4	4	6	6	7	-	5	4	4	4	4	2	3
31	2	2	2	2	1	1	2	2	3	3	2	2	1	2	4	4	5	3	2	2	2	2	2	2	2
MEAN	7	6	6	5	4	4	6	8	8	7	7	6	5	6	6	7	8	7	6	5	6	7	7	7	6.3

PERCENTAGE OF OATA VALIO - 95.2 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 4.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	2	2	2	1	2	1	1	1	2	-	4	4	2	2	4	3	2	3	2
2	3	3	2	2	2	2	4	8	8	5	4	4	4	5	4	6	6	7	8	8	10	12	10	12	6
3	11	8	6	5	7	8	11	13	15	12	12	9	7	8	8	7	9	12	12	13	13	11	8	7	10
4	8	7	6	5	5	5	5	5	2	2	2	2	2	2	2	2	2	3	3	2	2	1	1	2	3
5	1	1	1	1	1	1	3	4	5	4	4	5	5	4	4	5	-	5	4	4	4	4	4	4	3
6	4	4	4	4	5	6	10	12	18	17	15	10	11	10	10	11	18	13	10	10	10	7	12	12	10
7	9	13	12	13	14	9	18	27	29	16	9	5	5	4	5	7	10	11	13	16	14	11	9	8	12
8	3	2	1	1	1	1	4	5	6	-	-	-	4	4	4	4	5	5	3	3	3	3	2	3	3
9	2	2	2	2	1	1	2	4	4	4	3	3	2	1	3	4	4	6	6	7	7	7	8	8	4
10	5	7	4	3	3	3	4	6	5	5	1	2	2	1	1	1	1	1	1	1	1	1	3	4	3
11	2	2	2	2	2	1	2	4	4	4	2	2	4	7	6	5	4	8	10	10	8	9	12	14	5
12	12	12	7	8	9	11	13	13	12	-	8	8	11	12	5	4	6	12	12	8	2	1	1	1	8
13	1	1	1	1	0	1	1	2	2	2	1	1	1	1	1	1	2	3	-	1D	7	6	6	5	2
14	3	3	2	1	1	3	3	5	5	6	9	11	12	12	12	11	13	11	7	6	5	5	3	5	6
15	5	6	4	3	3	5	7	9	8	7	6	5	4	4	4	4	4	5	-	3	4	4	4	4	5
16	5	4	5	3	2	1	1	2	2	1	1	1	1	1	2	1	2	2	1	2	2	-	1	1	2
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	6	10	13	5	4	3
18	3	3	5	4	3	4	4	5	7	6	3	1	2	2	2	2	3	2	4	2	-	4	6	-	4
19	6	6	3	4	4	4	5	10	17	-	19	9	4	5	6	8	10	9	7	8	6	5	6	6	7
20	5	5	3	2	2	2	6	12	12	10	7	7	7	8	8	11	13	11	11	12	14	13	16	16	9
21	9	8	8	9	10	10	17	22	21	22	14	9	6	7	4	4	5	4	4	3	3	3	3	3	9
22	3	1	1	2	2	2	5	6	6	2	2	2	3	8	9	8	11	12	14	10	6	5	5	4	5
23	5	5	5	7	6	7	9	9	7	8	11	10	8	23	21	24	14	10	9	7	7	5	6	7	10
24	6	6	4	4	3	3	5	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	D	1	1	3	8	5	5	8	5	6	6	7	10	5	5	6	9	7	4
26	9	7	7	12	13	13	5	7	4	4	2	1	1	1	1	2	2	-	3	2	2	2	2	4	5
27	2	1	1	1	1	1	6	5	7	5	6	4	4	4	2	2	6	5	6	4	4	4	6	7	4
28	4	4	3	4	4	2	12	12	15	10	10	8	10	7	8	9	15	17	18	21	23	25	28	22	12
MEAN	5	4	4	4	4	4	6	8	8	6	6	5	5	5	5	6	7	7	7	7	7	6	6	6	5.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	8	10	9	9	11	4	5	9	5	6	6	7	11	13	-	9	11	9	6	6	8	11	13	8
2	12	10	6	2	3	4	7	10	11	7	8	9	10	10	11	12	16	-	-	17	27	14	13	15	11
3	19	19	12	16	15	4	5	6	6	8	5	8	9	8	9	6	8	6	11	17	12	15	28	17	11
4	13	18	5	3	2	2	2	2	1	2	2	2	4	3	2	2	2	2	2	3	2	3	3	3	4
5	2	2	1	1	1	1	3	5	5	4	3	4	4	4	5	5	7	7	6	8	7	7	8	6	4
6	4	3	2	1	1	3	8	8	11	8	6	6	6	6	5	5	7	6	5	5	4	4	4	6	5
7	-	-	4	3	10	9	20	22	14	10	7	5	6	7	7	6	9	7	7	7	7	5	7	10	9
8	7	8	8	11	8	5	5	8	10	9	6	4	6	8	7	6	8	4	5	3	2	2	3	4	6
9	4	4	7	10	7	9	16	36	28	16	13	6	6	9	10	12	12	11	12	12	16	10	3	7	12
10	6	3	2	2	2	2	4	4	4	4	5	4	4	4	4	4	4	4	4	4	2	2	2	2	3
11	2	2	2	2	1	1	2	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	2
12	2	2	2	1	1	1	3	4	4	4	4	3	4	-	3	3	5	4	3	5	9	11	-	7	4
13	5	4	2	4	3	4	9	11	11	10	12	7	5	6	6	6	7	3	3	3	3	3	3	2	6
14	1	1	1	1	1	1	2	2	4	4	3	3	3	3	2	3	4	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	2	3	4	-	2	2	2	3	3	4	4	4	4	4	4	5	4	4	3
16	4	3	2	2	2	-	5	6	8	5	5	6	6	7	5	7	8	8	7	7	6	5	4	7	5
17	6	6	5	4	3	3	5	7	9	7	6	5	7	5	6	13	11	14	11	11	7	7	7	5	7
18	7	9	9	10	10	9	11	10	8	8	9	6	8	7	4	4	3	5	7	6	4	8	6	5	7
19	5	3	3	3	2	3	4	5	5	5	4	4	5	9	11	6	5	7	10	12	18	17	24	38	9
20	43	23	16	20	30	29	39	37	19	13	11	6	10	7	5	5	5	-	-	12	41	-	54	38	22
21	34	26	16	19	26	25	24	28	24	6	13	13	9	8	7	8	9	10	11	12	26	29	32	36	19
22	31	31	26	25	27	24	24	13	13	17	17	11	8	6	7	6	7	8	12	8	18	11	10	9	15
23	8	6	2	7	6	6	4	10	13	10	10	14	17	11	8	8	6	4	18	18	4	3	5	5	8
24	5	6	11	8	5	5	4	4	10	11	13	7	7	8	11	11	6	4	5	5	4	4	3	3	7
25	2	3	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	2	3	3	3	3	4	3	2
26	1	1	1	1	1	2	3	5	5	5	3	3	3	3	3	3	4	4	2	3	3	4	2	4	3
27	4	2	1	1	2	2	4	4	4	2	2	3	4	4	4	4	5	4	4	4	3	4	4	5	3
28	5	6	6	5	4	4	13	14	7	4	4	4	6	6	6	6	5	6	6	6	6	3	6	6	6
29	4	3	1	1	1	1	4	7	10	5	4	7	5	7	5	5	19	15	14	15	14	12	9	7	7
30	7	6	7	2	1	1	3	10	-	20	22	25	17	8	5	6	7	6	6	10	11	6	4	5	8
31	4	2	1	1	1	1	1	3	3	3	3	3	3	3	3	4	3	3	2	1	0	D	D	0	2
MEAN	9	7	6	6	6	6	8	9	9	7	7	6	6	6	6	6	7	6	7	7	9	7	9	9	7.1

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	1	2	2	2	2	2	2	2	2	2	2	4	4	4	4	3	2	4	6	6	5	3
2	5	5	7	9	10	5	9	7	5	9	11	15	-	-	7	6	-	4	4	5	2	2	2	2	6
3	1	1	0	1	1	1	3	4	3	4	3	1	1	1	1	1	1	1	1	3	4	8	3	4	2
4	7	10	4	3	5	8	10	7	5	6	8	9	9	7	-	-	-	-	3	3	3	4	5	4	6
5	5	2	1	1	1	-	2	4	-	-	-	4	4	4	4	6	6	7	6	6	4	4	3	2	4
6	2	1	0	0	0	1	1	3	3	2	-	2	2	2	3	4	4	3	3	2	2	2	2	3	2
7	2	2	1	1	1	1	2	1	0	1	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1
8	2	2	4	4	4	6	5	4	4	2	4	3	2	3	4	2	3	2	2	3	4	6	6	6	4
9	6	6	5	5	4	5	7	11	7	7	5	2	2	3	3	3	2	1	1	4	7	7	6	5	5
10	3	2	2	1	2	3	5	7	7	3	1	1	2	2	2	3	7	4	5	6	8	6	7	7	4
11	18	14	19	20	12	9	9	11	8	4	3	4	4	5	8	10	10	9	6	5	5	6	11	11	9
12	15	13	6	9	12	12	9	7	9	9	9	10	11	10	6	5	13	7	12	13	17	13	13	13	11
13	15	9	12	13	17	8	6	9	10	10	10	10	10	7	10	7	4	4	8	9	9	6	10	4	9
14	6	4	2	2	6	5	2	1	1	4	4	4	3	4	4	4	5	3	6	7	4	3	2	4	4
15	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	1	1
16	1	1	1	1	1	1	3	3	4	3	3	3	2	2	1	1	1	-	1	1	-	3	5	4	2
17	2	1	2	1	2	4	6	7	7	5	-	1	1	-	-	1	2	2	1	2	3	3	4	4	3
18	3	4	2	3	3	4	6	5	1	1	1	-	-	-	1	1	1	1	1	2	3	2	5	5	3
19	3	2	2	3	3	4	12	12	7	2	3	2	2	1	2	1	1	2	4	5	3	2	15	14	4
20	4	3	7	6	6	13	15	16	6	-	17	14	9	8	6	8	9	8	9	12	8	7	9	8	9
21	9	12	17	18	10	10	10	9	6	8	13	10	8	8	7	5	7	5	5	8	11	13	16	17	10
22	12	7	4	3	2	2	2	2	0	2	3	4	4	4	4	1	1	1	1	3	6	7	4	5	4
23	4	4	4	3	4	5	9	16	14	9	7	5	6	7	8	5	7	10	13	14	8	16	23	29	10
24	32	19	13	14	17	15	13	19	17	12	19	-	11	9	10	11	14	9	7	5	2	5	16	13	13
25	10	10	5	4	3	-	3	4	15	14	13	14	10	13	12	8	9	9	6	4	7	13	16	9	9
26	19	10	3	1	1	1	4	5	5	4	4	4	4	4	4	6	7	6	4	4	3	2	4	7	5
27	10	3	0	0	0	0	2	3	4	3	-	3	4	6	4	5	8	5	4	5	5	5	4	3	4
28	1	1	1	1	2	2	4	4	5	4	4	5	6	7	7	9	6	4	4	5	9	10	4	5	5
29	3	2	2	1	1	2	2	2	1	1	2	2	2	2	2	2	2	4	5	4	4	4	6	5	3
30	2	3	3	6	4	9	14	12	10	12	9	13	10	7	5	6	4	3	3	5	5	4	4	3	7
MEAN	7	5	4	5	5	5	6	7	6	5	6	5	5	5	5	4	5	4	4	5	5	6	7	7	5.3

PERCENTAGE OF DATA VALID - 96.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	3	4	5	3	4	4	3	4	4	4	4	4	4	3	5	7	8	8	7	4
2	7	9	9	8	8	11	10	12	8	6	6	7	8	9	8	8	7	6	6	6	6	8	7	8	8
3	11	11	8	8	7	5	6	7	6	9	9	12	14	20	17	30	32	14	3	2	2	2	2	2	10
4	2	2	2	2	1	4	4	-	4	6	4	3	3	1	2	3	-	2	1	2	3	4	4	4	3
5	4	2	2	2	1	2	2	1	1	1	3	3	4	7	4	2	4	4	4	4	4	2	1	3	3
6	4	2	1	1	2	4	4	4	4	5	7	4	6	6	6	7	6	6	5	6	8	7	7	7	5
7	7	6	7	-	4	6	5	7	9	9	6	6	7	8	7	8	8	6	3	3	13	16	17	8	8
8	4	2	2	4	4	21	24	13	12	16	16	8	12	15	10	6	4	4	6	9	8	5	8	8	9
9	5	3	3	2	3	5	5	7	5	4	4	4	4	3	3	4	3	3	3	4	4	5	8	7	4
10	4	3	2	2	3	6	7	8	9	7	4	6	7	6	6	6	5	11	12	8	4	5	6	13	6
11	8	5	8	6	7	6	14	-	12	7	18	12	11	11	9	9	10	8	10	15	8	8	6	13	10
12	17	13	12	3	2	6	6	5	5	3	5	4	2	2	3	8	9	7	2	2	1	1	1	1	5
13	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	4	3	3	3	3	2
14	2	1	2	1	1	5	8	8	5	5	-	3	4	4	5	7	3	2	3	10	8	7	7	6	5
15	2	1	1	1	2	4	7	3	6	8	-	7	9	7	8	13	13	10	6	4	2	2	5	5	5
16	1	1	1	1	1	4	5	3	3	2	1	2	1	1	1	1	1	1	1	2	7	5	3	4	2
17	-	5	5	-	11	13	13	11	7	9	9	9	6	6	7	10	5	4	6	8	10	5	6	14	8
18	8	12	12	13	9	11	12	10	15	-	18	14	17	10	10	8	8	8	8	5	2	5	21	16	11
19	10	8	5	4	6	8	8	8	7	-	6	8	6	5	5	5	7	7	5	9	10	11	13	10	7
20	9	6	6	5	1	1	2	2	2	1	2	2	2	2	3	6	6	6	8	7	10	9	7	13	5
21	-	4	5	3	1	3	1	1	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
22	1	2	1	1	2	3	3	5	4	3	4	3	2	3	3	4	3	4	4	6	5	6	6	-	3
23	5	5	5	7	5	7	8	6	6	6	6	9	10	9	6	6	6	9	6	8	6	8	7	7	7
24	7	5	4	2	2	2	3	6	9	9	6	8	5	4	4	7	6	4	6	6	6	8	7	9	6
25	9	7	8	1	-	-	2	2	2	4	-	7	12	10	6	7	7	7	2	2	2	2	3	6	5
26	7	6	7	5	5	5	7	6	8	7	5	10	6	8	8	5	3	3	4	4	4	2	5	5	6
27	7	3	1	1	1	2	1	2	2	2	2	3	2	3	4	4	7	6	5	3	5	7	8	2	3
28	1	1	2	1	-	6	8	6	8	8	-	6	8	9	8	12	8	7	6	7	6	5	6	3	6
29	2	2	2	3	3	9	16	20	13	4	5	5	9	6	10	10	4	3	3	2	2	8	7	7	6
30	4	5	4	4	5	10	17	12	8	5	3	4	4	3	4	4	6	4	6	6	8	12	16	11	7
31	9	8	7	7	9	12	22	13	12	7	5	5	6	5	5	5	4	4	5	4	8	6	6	5	7
MEAN	6	5	4	3	4	6	8	7	7	6	6	6	6	6	6	7	6	5	5	5	6	6	7	7	5.8

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	6	5	5	6	12	6	-	6	-	7	7	-	-	15	14	11	8	8	15	8	4	14	21	9
2	17	12	6	3	1	2	1	1	1	1	1	1	1	1	1	2	2	2	4	4	4	3	3	3	3
3	3	2	1	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	3	3	3	4	4	2	2
4	1	1	1	1	2	4	8	6	5	5	3	4	3	3	3	4	1	-	0	1	0	0	3	-	3
5	1	1	-	1	1	5	5	3	1	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	******
6	-	-	1	-	-	-	-	-	11	7	5	3	5	6	8	7	10	10	5	5	10	8	4	3	6
7	4	4	4	4	4	5	9	17	13	14	10	9	13	11	11	10	12	14	18	7	15	12	20	22	11
8	9	5	6	5	7	6	-	-	4	5	6	5	6	7	7	6	5	5	5	6	6	9	8	8	6
9	8	5	3	2	3	5	5	5	4	10	11	10	10	8	7	8	6	5	8	6	5	4	5	5	6
10	5	4	3	4	3	4	4	4	4	4	4	5	6	4	4	4	4	3	4	3	3	2	1	1	4
11	1	0	0	0	1	4	3	1	1	1	0	1	1	1	1	1	0	-	-	0	1	3	3	3	1
12	2	1	1	1	1	4	5	5	1	1	1	1	1	1	2	3	1	1	-	2	2	5	6	3	2
13	2	2	1	2	2	4	6	7	5	4	3	2	3	1	2	1	2	1	1	2	6	15	7	3	4
14	3	2	2	5	-	9	8	8	7	7	-	-	-	-	-	5	3	3	4	5	5	4	3	2	5
15	0	0	0	0	1	5	7	6	4	-	-	-	3	3	4	5	4	2	1	2	3	2	2	1	3
16	1	1	0	0	0	1	2	2	2	2	1	1	1	1	1	2	3	2	1	2	2	2	3	3	2
17	4	2	1	0	0	0	0	0	2	2	2	1	0	1	0	0	0	1	1	2	1	2	2	1	1
18	0	0	0	0	0	0	0	0	0	1	-	1	0	2	2	6	5	4	4	5	5	9	12	9	3
19	9	5	3	3	4	7	5	6	6	3	4	6	3	3	3	3	2	1	4	5	6	8	10	4	5
20	-	8	6	5	5	14	11	10	8	9	7	6	6	6	6	7	9	8	5	5	3	3	5	1	7
21	0	1	0	0	0	2	3	7	5	5	4	4	5	4	4	5	5	3	3	4	3	3	2	2	3
22	1	1	1	1	1	4	6	6	4	4	-	3	4	2	3	3	-	2	1	1	2	2	1	1	2
23	1	1	1	1	1	1	1	1	2	3	3	2	2	2	2	2	2	2	1	1	1	1	3	1	2
24	1	2	-	1	1	1	1	-	0	0	0	0	0	0	1	1	2	2	1	1	2	2	3	2	1
25	2	2	1	2	6	17	9	3	5	7	8	3	2	5	5	4	-	4	4	5	8	10	14	13	6
26	11	7	7	6	8	20	15	10	12	13	12	10	9	10	5	6	5	4	4	5	5	7	5	3	8
27	2	1	1	1	2	4	5	5	4	4	4	4	4	5	9	13	8	4	4	3	5	4	7	10	5
28	6	1	1	1	2	5	12	16	12	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*****
29	-	-	-	-	-	-	-	-	-	10	-	8	11	13	14	18	16	10	9	9	6	9	11	-	******
30	9	7	6	3	3	7	9	8	9	9	8	9	9	8	6	-	8	4	8	9	9	5	11	13	8
MEAN	4	3	2	2	2	5	5	6	5	5	5	4	4	4	5	5	5	4	4	4	5	5	6	5	4.4

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 10.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	11	4	2	1	1	1	1	1	3	2	3	4	4	3	3	3	3	4	5	5	4	6	6	4
2	4	5	3	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	2	2	2	1	1	1
3	1	1	1	1	1	4	6	6	6	4	-	3	3	2	1	1	1	1	1	2	1	1	1	2	2
4	2	4	3	6	4	9	3	-	4	4	4	2	1	1	1	1	1	0	0	1	1	1	2	1	2
5	1	1	1	1	1	7	7	3	1	1	1	-	1	2	2	1	0	0	0	1	2	4	3	2	2
6	2	1	1	1	1	5	-	-	3	3	2	1	0	1	1	1	1	1	4	4	4	6	9	10	3
7	7	5	3	2	2	4	5	4	4	3	3	2	1	1	1	2	3	3	2	2	2	3	5	4	3
8	4	3	2	2	2	4	3	3	2	2	1	1	1	1	1	1	1	1	3	3	3	7	9	13	3
9	10	9	7	6	4	10	13	10	9	13	12	10	-	8	8	9	6	7	6	3	7	7	7	2	8
10	1	1	0	0	1	5	7	8	6	6	5	-	4	4	4	5	4	6	4	4	4	4	6	4	4
11	2	1	0	1	1	2	6	5	6	6	5	7	11	11	8	7	5	4	6	6	7	7	14	7	6
12	3	3	2	2	2	5	9	11	5	3	3	2	2	2	3	3	2	3	5	5	4	5	5	7	4
13	4	3	3	3	4	7	7	12	12	9	-	8	8	7	9	8	3	3	7	9	10	9	6	9	7
14	9	6	8	5	10	9	9	8	7	8	5	4	4	3	4	4	4	3	4	5	6	4	5	4	6
15	4	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	4	5	4	3	3
16	3	3	4	4	4	8	10	6	1	1	-	-	3	4	1	9	10	3	1	1	1	1	1	-	4
17	1	1	1	1	1	1	1	3	5	4	3	3	5	7	6	6	5	2	5	3	2	1	1	1	3
18	2	1	1	1	3	11	13	3	2	2	5	6	4	3	4	5	6	4	5	4	3	2	2	4	4
19	4	4	4	5	5	8	10	12	6	-	4	3	3	3	3	5	4	3	5	6	6	5	5	5	5
20	6	3	2	2	3	5	10	10	7	6	4	3	4	4	6	3	2	5	5	5	7	6	8	7	5
21	-	6	4	3	2	4	5	10	4	3	1	1	2	3	4	4	4	4	3	5	5	4	5	4	4
22	4	3	2	2	2	2	-	2	2	2	2	2	2	2	1	4	1	-	2	3	4	4	5	4	3
23	-	2	2	3	3	7	12	13	11	8	11	9	8	7	7	6	5	4	6	6	5	4	5	3	6
24	3	2	2	2	2	5	7	7	5	5	4	4	4	4	4	5	3	3	3	4	4	4	4	3	4
25	2	2	2	2	2	4	5	6	5	5	5	5	5	4	4	5	4	3	4	6	5	4	4	4	4
26	3	2	2	2	2	3	4	5	5	4	4	2	3	3	3	-	3	2	1	1	1	2	2	2	3
27	3	1	1	1	1	5	8	-	-	8	3	7	7	-	4	5	6	3	6	9	11	4	4	4	5
28	4	2	2	1	3	3	7	4	4	9	3	3	3	4	4	4	3	3	3	3	5	3	4	7	4
29	6	3	2	1	1	1	1	2	2	2	2	6	9	9	7	2	1	2	2	6	5	5	5	5	4
30	7	6	5	5	7	14	14	9	7	5	4	6	-	8	5	7	4	2	3	4	5	4	3	2	6
31	2	1	2	1	2	5	5	5	4	4	6	7	5	5	5	6	5	5	5	5	7	8	6	2	5
MEAN	4	3	3	2	3	5	7	6	5	5	4	4	4	4	4	4	3	3	3	4	4	4	5	4	4.0

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	0	1	2	5	7	6	6	7	6	5	4	3	3	5	5	5	7	8	6	-	4
2	5	4	3	3	3	7	10	5	4	3	-	3	3	4	3	3	4	2	3	4	9	10	5	4	5
3	2	1	1	1	1	6	7	6	6	6	5	4	3	3	4	4	3	3	4	5	6	4	4	5	4
4	3	2	1	1	1	2	3	3	3	3	3	2	2	2	2	1	2	1	2	4	5	3	4	3	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
6	1	1	0	0	0	0	0	3	3	3	3	2	2	3	2	2	1	2	3	4	7	11	14	9	3
7	9	6	6	5	7	10	9	8	6	-	6	7	-	5	5	5	4	3	4	3	3	4	2	2	5
8	2	1	1	1	1	5	7	10	7	6	7	7	5	6	6	5	4	-	2	1	2	4	4	3	4
9	2	1	2	2	2	10	8	7	5	6	10	10	5	6	6	5	4	3	6	9	12	6	6	5	6
10	6	5	3	2	3	8	6	9	8	2	3	3	2	2	3	2	1	1	1	1	2	3	3	3	3
11	3	3	1	1	1	0	0	1	0	1	1	3	3	3	4	5	5	4	3	3	2	1	1	1	2
12	1	1	1	1	1	1	1	2	2	4	3	3	2	1	1	1	1	2	2	4	8	14	17	16	4
13	13	9	5	5	5	10	17	20	11	7	5	3	3	3	4	4	4	2	2	2	2	2	1	1	6
14	1	1	1	1	1	2	5	6	5	4	3	3	2	2	2	3	2	1	-	1	1	1	1	1	2
15	1	1	1	1	1	2	3	2	-	-	1	1	1	1	1	1	1	1	1	1	1	4	7	5	2
16	4	2	1	1	1	4	7	9	8	6	7	6	6	5	3	3	3	2	2	3	5	4	4	4	4
17	5	4	3	3	3	6	8	11	8	6	6	6	6	6	8	10	11	9	9	8	7	-	5	5	7
18	6	5	4	2	2	3	3	3	3	4	6	6	6	5	5	5	4	6	7	5	5	5	6	6	5
19	6	4	3	2	1	1	2	1	1	1	2	3	3	4	5	5	4	3	3	3	3	5	10	12	4
20	15	14	11	10	8	13	17	13	10	9	8	6	6	6	6	6	6	5	5	6	5	5	5	6	8
21	6	6	6	6	8	14	22	16	11	12	10	7	5	4	4	5	5	5	5	7	7	13	15	12	9
22	10	8	8	8	6	4	5	8	9	10	11	8	6	6	6	6	6	4	4	4	5	7	7	7	7
23	6	6	6	5	5	8	13	13	10	8	-	-	6	6	6	7	8	7	6	6	5	6	7	5	7
24	4	3	2	2	2	3	5	5	-	5	5	5	5	5	5	6	6	5	5	7	6	5	5	4	5
25	3	2	1	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	5	5	4	3
26	4	5	5	5	4	2	2	1	1	2	2	3	2	2	2	2	3	2	4	5	4	2	2	2	3
27	0	0	0	2	2	1	5	8	9	8	4	3	3	4	4	5	5	4	4	5	4	3	4	3	4
28	3	3	4	4	3	5	8	11	8	5	7	8	8	5	6	6	6	5	5	7	6	5	4	3	6
29	3	3	3	3	3	5	7	7	6	5	5	6	5	4	4	4	5	3	3	3	3	3	3	4	4
30	3	2	2	2	2	2	6	8	6	5	5	4	3	3	4	4	3	2	1	2	3	3	4	3	3
31	2	2	2	2	2	5	9	12	10	8	7	8	8	8	9	8	6	4	4	6	7	7	7	11	6
MEAN	4	3	3	3	3	5	6	7	6	5	5	5	4	4	4	4	4	3	4	4	5	5	5	5	4.4

PERCENTAGE OF OATA VALIO - 98.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.6

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	16	12	12	10	7	7	6	6	6	6	5	6	7	7	7	4	4	5	6	5	4	5	3	7
2	2	2	1	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	3	2	3	3	2
3	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
4	2	2	1	1	1	1	2	2	4	7	7	8	7	7	6	5	5	5	5	5	6	9	8	7	5
5	6	9	10	7	5	6	9	-	8	8	7	6	5	5	7	8	7	6	5	6	6	6	4	4	7
6	4	4	4	3	4	3	4	7	9	9	7	4	3	3	3	5	4	2	2	2	3	3	3	3	4
7	3	3	1	1	1	2	3	3	2	3	4	5	5	7	6	4	2	2	1	1	1	1	1	1	3
8	1	1	0	0	0	0	0	0	0	0	0	1	2	3	4	5	4	3	3	10	13	7	4	4	3
9	5	8	5	4	3	3	4	4	5	4	3	3	3	-	3	3	3	3	4	4	4	4	4	4	4
10	2	1	1	1	1	3	4	5	5	3	3	3	4	5	7	9	8	6	5	2	1	1	1	1	3
11	2	2	2	2	2	2	3	4	5	5	6	4	5	7	8	-	8	7	9	12	15	14	17	15	7
12	10	6	5	4	5	13	27	25	16	8	9	8	6	6	6	6	4	5	4	5	5	6	6	4	8
13	3	3	3	5	6	8	12	9	6	5	4	4	4	4	5	6	6	6	8	5	5	4	3	3	5
14	3	1	1	1	2	3	3	2	2	2	2	-	-	3	2	2	2	3	3	4	4	3	5	3	3
15	3	2	2	2	2	3	4	4	4	3	3	4	3	3	3	3	3	3	3	4	6	5	6	7	4
16	8	7	3	3	3	4	6	5	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	2	4
17	2	1	1	1	1	4	6	8	7	6	5	4	4	4	4	6	5	5	4	5	4	4	3	3	4
18	1	1	1	1	1	3	4	5	5	4	4	4	4	4	4	5	5	5	6	-	4	3	3	2	3
19	2	2	1	1	1	1	3	3	1	1	1	1	1	1	1	2	2	-	2	3	3	2	3	4	2
20	7	7	7	6	6	9	17	24	-	-	5	4	5	5	5	5	6	5	6	8	7	7	5	4	7
21	4	3	3	2	2	4	6	9	7	7	6	5	4	4	4	2	2	1	2	3	-	1	1	1	4
22	2	2	2	2	2	2	[illegible]	2	3	5	5	4	3	3	3	3	3	2	1	1	1	1	1	1	2
23	2	2	2	2	2	2	2	2	4	7	6	4	3	3	2	3	4	4	5	12	19	21	22	17	6
24	10	6	6	10	13	21	36	42	30	16	11	10	10	9	8	8	7	6	7	11	18	19	18	17	15
25	12	10	6	3	3	4	7	10	11	9	9	7	6	7	6	6	6	5	6	6	5	5	9	10	7
26	8	5	4	3	3	4	7	11	11	9	9	7	6	5	4	3	3	3	10	20	18	18	21	24	9
27	23	18	13	11	10	13	20	21	19	13	8	7	7	8	8	9	11	12	15	21	24	28	26	19	15
28	10	7	4	3	2	4	6	9	8	7	9	9	11	12	13	13	8	6	11	12	8	5	6	8	8
29	7	8	8	6	6	7	10	10	10	8	4	5	6	5	6	6	6	5	6	9	13	14	14	16	8
30	23	23	15	9	5	3	3	3	3	3	3	4	3	4	3	3	3	4	3	3	4	3	2	2	6
MEAN	6	5	4	4	3	5	7	8	7	6	5	5	5	5	5	5	5	4	5	6	7	7	7	6	5.5

PERCENTAGE OF OATA VALIO - 98.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	2	2	2	5	6	7	7	9	12	12	14	16	15	13	9	11	10	9	9	9	8
2	9	10	7	6	4	3	3	4	7	8	8	7	7	6	6	4	4	4	5	6	4	5	7	9	6
3	6	5	5	4	4	3	4	9	11	-	-	15	13	12	12	10	8	6	5	5	5	4	5	4	7
4	3	3	3	2	3	6	11	15	14	14	10	8	7	7	5	3	3	3	3	3	3	3	5	5	6
5	5	5	4	3	3	5	9	13	12	10	9	10	11	9	10	13	19	18	12	8	6	5	4	3	9
6	3	2	1	1	2	2	4	5	5	7	6	6	7	8	8	8	7	7	7	7	3	3	3	3	5
7	3	3	1	1	1	1	1	1	1	2	1	1	1	2	2	2	1	1	2	2	2	2	2	2	2
8	2	-	1	1	2	2	3	4	4	4	4	4	4	5	5	5	8	7	8	7	8	8	10	11	5
9	10	7	4	3	2	2	1	1	1	1	-	-	0	1	2	2	2	1	2	1	1	4	11	12	3
10	15	11	-	6	6	-	25	30	36	19	11	-	-	-	11	12	10	7	7	7	7	6	9	6	13
11	3	2	2	2	4	10	21	29	26	16	12	9	8	7	-	14	14	11	8	11	9	7	5	3	10
12	1	1	1	1	2	4	9	11	8	-	6	6	5	6	7	10	14	15	13	9	7	4	3	3	6
13	3	2	2	2	2	2	3	3	3	3	3	4	3	4	4	4	3	2	2	4	5	5	6	5	3
14	4	4	3	1	1	2	3	3	3	3	2	3	3	3	3	3	3	3	4	6	4	4	5	4	3
15	3	2	2	2	3	5	11	-	14	13	11	10	8	7	8	8	8	8	10	13	13	13	10	8	8
16	6	5	5	6	8	9	9	9	9	9	11	-	10	10	10	7	6	6	6	8	8	8	8	9	8
17	8	7	7	7	8	12	18	-	-	22	21	23	25	33	31	28	24	26	28	24	24	21	19	15	20
18	10	8	6	4	3	3	4	-	-	8	6	6	-	12	10	9	8	8	8	6	7	14	15	15	8
19	13	8	6	4	7	10	13	14	14	13	16	7	14	16	14	-	-	8	7	5	4	4	4	3	9
20	3	3	2	2	2	3	4	5	4	5	5	5	5	5	5	7	7	6	4	4	4	4	3	3	4
21	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	4	4	4	5	5	4	4	4	3	3
22	2	2	2	2	4	7	8	9	6	6	6	6	6	6	8	9	7	7	7	6	7	6	9	7	6
23	3	2	1	1	1	6	10	8	4	4	3	3	4	3	4	4	3	3	4	3	3	4	3	2	4
24	1	1	1	1	1	3	14	11	4	4	5	4	4	4	4	4	4	3	3	3	2	-	3	2	4
25	2	1	1	1	1	4	4	6	4	3	2	2	2	2	2	3	2	4	4	6	4	3	4	2	3
26	4	7	2	1	1	5	7	6	2	5	5	4	5	-	2	2	2	3	4	5	5	6	6	7	4
27	8	5	3	2	2	4	4	5	6	5	6	8	6	7	7	8	8	6	6	6	6	8	10	11	6
28	-	10	6	5	4	4	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3	3	3	4
29	3	2	2	2	2	3	5	-	-	2	2	1	-	-	3	5	3	9	12	11	13	12	11	10	6
30	8	7	3	2	2	2	6	5	-	4	6	5	4	4	5	5	7	5	6	4	7	6	6	5	5
31	7	4	5	6	9	14	29	41	27	13	11	9	9	10	10	17	13	12	9	12	13	19	11	6	13
MEAN	5	4	3	3	3	5	8	10	9	7	7	6	7	7	7	8	7	7	7	7	6	7	7	6	6.4

PERCENTAGE OF OATA VALIO - 96.1 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.9

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	27	30	17	16	16	42	41	12	6	6	7	9	13	13	22	24	10	6	5	4	3	4	4	14
2	3	3	2	1	1	2	6	7	8	8	8	7	6	6	9	8	12	12	12	10	9	8	7	9	7
3	8	11	9	6	7	6	9	11	10	8	6	6	4	6	5	6	7	6	7	9	7	5	7	-	7
4	6	6	3	3	1	1	3	3	3	4	4	3	3	3	3	3	4	15	16	6	7	7	9	18	6
5	20	15	11	14	17	16	24	39	43	21	13	8	9	13	17	22	26	21	21	20	9	11	11	20	18
6	25	22	19	16	12	14	25	31	16	19	35	28	15	20	27	31	37	12	10	14	23	26	19	16	21
7	16	7	3	2	2	2	3	4	4	3	3	5	6	6	8	10	10	8	7	6	6	7	9	11	6
8	5	4	3	2	1	-	-	10	9	7	6	6	6	6	7	6	8	6	8	8	9	7	9	11	7
9	17	19	16	18	15	19	30	32	19	21	25	16	10	7	10	13	12	10	8	-	10	11	14	7	16
10	10	12	8	5	4	3	4	5	5	4	3	4	5	5	5	-	3	3	4	5	5	3	5	3	5
11	3	2	-	1	1	1	6	7	7	9	7	3	-	3	3	3	3	5	7	6	5	5	5	7	5
12	6	4	3	-	3	5	9	15	4	5	9	10	8	9	8	9	19	17	16	18	11	23	16	16	11
13	15	17	16	16	13	10	8	8	9	8	7	5	3	3	3	5	11	17	15	14	10	7	8	7	10
14	4	4	4	3	3	3	5	9	10	5	3	3	3	3	3	5	7	4	5	9	12	11	10	15	6
15	8	4	2	2	3	6	12	13	15	9	7	9	10	10	9	10	14	13	9	9	8	7	4	1	8
16	0	1	0	0	0	0	1	1	3	-	5	6	6	6	6	6	7	10	8	5	5	5	3	3	4
17	3	3	3	2	1	1	2	2	3	3	3	4	4	5	6	8	9	16	17	23	24	25	34	27	10
18	23	21	15	11	7	6	8	8	10	12	13	17	16	17	21	22	21	19	13	10	6	5	7	6	13
19	4	5	9	9	4	5	8	11	13	19	-	-	21	26	26	25	27	28	24	21	22	21	15	15	16
20	12	13	18	5	2	3	6	8	10	9	8	7	5	6	7	8	10	12	7	4	4	4	3	3	7
21	1	1	2	2	3	3	4	4	5	7	7	5	6	8	9	9	9	-	11	11	11	9	8	4	6
22	5	9	11	6	-	1	3	4	6	4	4	5	7	7	7	7	10	7	7	4	4	4	4	4	6
23	2	2	2	2	1	3	9	11	11	11	8	8	7	7	9	12	15	8	8	13	20	17	19	15	9
24	12	5	3	1	1	1	1	3	3	3	4	4	4	5	5	5	7	9	10	8	7	-	11	14	5
25	28	32	32	27	23	20	22	21	17	12	11	9	9	10	9	7	7	7	7	11	15	12	12	13	16
26	20	19	14	13	8	7	20	30	6	5	6	4	3	3	3	3	4	3	2	2	1	2	2	2	8
27	1	1	1	1	1	1	3	3	5	5	3	3	4	4	4	5	14	15	11	12	6	10	7	7	5
28	9	7	5	5	4	5	4	4	5	5	4	4	4	4	4	5	8	8	5	5	5	5	4	5	5
29	3	3	3	3	2	2	5	6	7	6	5	5	5	5	7	-	-	-	6	6	6	6	6	6	5
30	5	3	3	2	2	2	3	5	6	5	5	5	5	5	5	8	10	9	8	8	7	8	8	10	6
MEAN	9	9	9	7	5	6	10	12	9	8	8	7	7	8	9	10	12	11	10	10	9	9	9	10	8.9

PERCENTAGE OF OATA VALIO - 97.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 2.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	9	9	6	3	4	6	6	6	9	13	11	13	7	8	-	10	6	4	4	3	2	2	2	7
2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	4	5	11	11	8	6	6	4	3
3	3	3	3	3	3	4	7	8	12	10	7	7	6	6	6	6	-	8	6	5	5	5	3	4	6
4	4	3	2	2	2	2	5	8	9	9	7	7	7	6	8	8	10	10	10	7	7	7	7	9	7
5	6	5	5	4	5	6	8	8	7	6	6	6	5	6	4	4	5	6	4	3	3	3	3	3	5
6	2	2	2	2	2	2	7	12	12	8	7	8	9	8	9	12	12	12	8	7	6	7	7	8	7
7	6	6	4	4	4	3	8	11	11	8	9	-	8	8	9	9	9	8	6	6	6	3	3	3	7
8	2	2	1	1	1	0	1	0	1	1	1	2	1	3	3	4	4	4	-	5	3	3	3	3	2
9	3	3	3	1	1	1	1	1	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	4	3
10	3	3	3	2	4	4	19	19	19	11	9	11	12	12	13	23	23	22	28	31	8	5	5	6	12
11	4	3	2	2	2	2	3	5	6	6	5	5	4	5	6	7	9	7	6	5	5	3	3	3	5
12	2	1	1	1	1	1	3	4	3	3	1	3	3	3	3	3	3	2	1	0	1	1	1	1	2
13	1	1	1	1	2	3	3	4	-	9	9	10	9	6	7	7	10	10	19	24	16	7	3	4	7
14	4	5	5	2	3	3	7	7	9	8	-	5	-	-	5	-	8	7	7	7	7	5	5	6	6
15	6	6	6	4	4	5	11	15	16	12	9	7	7	6	7	7	6	7	7	7	7	7	6	5	8
16	5	5	5	4	4	3	4	4	5	5	5	6	7	7	7	8	2	1	0	0	0	0	1	1	4
17	2	2	2	2	2	2	2	3	9	8	8	7	4	4	4	5	7	7	5	4	4	4	4	3	4
18	3	3	3	3	3	4	6	8	11	8	6	6	6	10	9	12	12	13	14	8	7	7	8	8	7
19	8	7	7	8	9	8	9	8	13	12	14	11	10	9	8	7	8	6	6	7	7	7	6	5	8
20	5	5	5	5	4	4	4	5	7	9	11	12	12	12	13	15	17	20	28	31	42	78	54	48	19
21	43	50	58	59	52	42	54	57	52	38	49	36	19	17	28	32	29	34	62	88	86	86	60	66	50
22	43	76	58	13	3	2	5	5	5	6	9	8	8	8	9	9	10	9	9	10	8	9	16	20	15
23	15	13	5	4	4	3	3	3	3	3	3	3	3	4	4	5	4	3	3	5	7	12	8	6	5
24	4	4	5	10	7	8	10	8	9	9	8	10	7	7	8	8	7	7	6	7	8	6	8	8	7
25	7	2	3	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	1	1	1	1	1	1	2	2	3	3	1	2	2	3	3	3	2	3	1
27	3	3	1	1	1	1	1	3	3	1	1	1	1	1	3	3	1	3	4	4	4	4	3	3	2
28	2	1	1	1	0	1	2	3	3	3	3	3	3	3	4	4	5	5	5	4	5	5	6	8	3
29	4	3	2	2	2	1	3	3	3	3	3	4	4	4	3	4	4	4	4	3	3	3	3	3	3
30	3	3	3	3	3	1	1	1	2	2	1	1	1	2	3	4	4	4	7	6	7	6	6	3	3
31	7	8	3	1	1	3	8	14	20	6	7	5	5	6	6	7	7	6	5	9	9	7	8	-	7
MEAN	7	8	7	5	4	4	7	8	9	7	7	7	6	6	7	8	8	8	9	10	9	10	8	8	7.3

PERCENTAGE OF DATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	6.3	17	36
FEB	28	5.7	12	29
MAR	31	7.1	22	54
APR	30	5.3	13	32
MAY	31	5.8	11	32
JUN	27	4.4	11	22
JUL	31	4.0	8	15
AUG	31	4.4	9	22
SEP	30	5.5	15	42
OCT	31	6.4	20	41
NOV	30	8.9	21	43
OEC	31	7.3	50	88
YEAR	362	5.9	50	88

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 8ARTON/WENTWORTH HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	425	186	73	19	5	0	0	708
FE8	400	163	83	13	0	0	0	659
MAR	389	210	96	23	10	2	1	731
APR	446	168	79	2	1	0	0	696
MAY	382	273	65	5	1	0	0	726
JUN	461	135	48	2	0	0	0	646
JUL	556	145	22	0	0	0	0	723
AUG	514	185	32	1	0	0	0	732
SEP	458	179	54	17	1	1	0	710
OCT	394	214	85	18	3	1	0	715
NOV	273	237	135	46	9	3	0	703
OEC	413	230	54	8	6	7	16	734
YEAR	5111	2325	826	154	36	14	17	8483

FREQUENCY OISTRIBUTION 8Y PERCENTILES

PERCENT OF OATA VALIO	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.8	0	0.7	2.4	4.0	6.2	11.2	15.2	22.1	28.0	88	5.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES 8RANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	5	3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	3	3	3	3	5
2	2	1	1	1	1	1	1	3	4	5	3	3	3	5	5	5	6	8	9	4	-	-	-	-	4
3	1	1	1	1	2	2	4	4	5	5	3	3	4	3	4	5	6	5	4	4	4	2	3	3	3
4	2	2	2	3	4	3	3	4	7	5	4	4	4	3	3	4	6	5	4	5	4	3	3	2	4
5	2	2	1	1	1	2	4	6	8	7	5	1	2	4	4	5	7	6	6	8	7	7	****	7	4
6	6	8	8	7	6	6	7	7	8	9	6	6	7	5	5	5	4	5	4	4	6	6	4	4	6
7	4	6	4	5	5	6	6	7	8	9	8	6	6	9	11	14	15	11	12	11	5	4	4	4	8
8	5	4	3	3	3	4	5	10	16	10	9	3	3	****	3	3	4	5	6	6	5	5	6	6	6
9	4	2	2	2	2	2	4	8	13	12	8	8	5	6	7	7	9	9	8	8	6	6	8	8	6
10	6	7	6	6	5	4	4	7	10	8	5	5	5	****	3	4	6	7	6	7	6	5	****	6	6
11	7	5	6	6	9	13	8	13	14	20	19	8	0	4	5	6	6	6	8	-	-	11	11	14	9
12	8	8	8	10	8	10	12	19	24	9	4	4	4	4	5	7	7	7	-	-	7	8	9	35	10
13	28	19	13	10	9	4	3	3	5	6	6	6	5	5	5	5	5	5	4	4	4	3	3	5	7
14	6	6	6	6	5	4	4	3	5	1	0	0	1	2	2	2	2	2	2	4	2	3	1	3	3
15	1	1	1	1	1	1	2	3	4	4	6	5	4	4	5	5	6	6	5	4	4	4	4	4	4
16	4	4	4	4	4	2	4	6	9	7	****	6	4	4	4	4	6	7	7	7	8	10	10	10	6
17	14	19	25	17	14	5	4	5	6	5	5	6	6	5	7	14	19	17	16	12	4	3	2	3	10
18	2	2	2	2	2	2	2	4	6	5	-	-	5	4	2	4	5	6	6	6	6	6	7	7	4
19	6	6	5	6	7	9	10	16	25	21	19	18	-	12	6	5	5	7	13	14	10	3	4	5	10
20	5	4	7	7	5	6	7	5	7	8	8	8	9	6	7	7	6	10	11	14	7	6	8	7	7
21	6	5	5	5	5	5	4	4	3	3	3	3	4	4	3	4	4	4	2	2	2	2	2	2	4
22	2	1	2	2	2	-	3	4	7	5	4	3	3	4	3	3	4	****	5	4	4	5	7	6	4
23	5	2	3	3	3	3	4	7	8	7	6	6	5	5	7	5	4	6	6	5	5	4	5	4	5
24	5	4	4	4	4	3	4	5	5	-	5	5	4	6	6	5	4	4	4	3	3	3	2	2	4
25	2	2	4	4	4	2	3	5	7	4	0	20	3	3	3	3	3	3	3	2	2	2	2	1	4
26	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	2	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
28	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	-	1	1	0	0	1	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	1	****	****	0	0	0	0	0	0	0	0	0	0
MEAN	5	4	4	4	4	3	4	5	7	6	5	5	4	4	4	5	5	6	5	5	4	4	4	5	4.6

PERCENTAGE OF OATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	****	2	1	2	-	3	3	4	4	2	3	3	1
6	2	2	1	2	2	3	5	12	17	19	11	5	9	8	7	6	7	4	3	5	4	5	6	4	6
7	4	3	4	4	6	6	6	5	5	4	4	4	4	4	4	4	5	4	5	11	11	10	7	7	5
8	7	8	6	2	1	1	2	4	****	4	0	2	2	2	2	2	4	3	3	3	3	3	3	3	3
9	3	1	2	2	3	2	4	5	6	5	5	5	5	5	4	4	5	5	9	9	8	6	6	6	5
10	6	5	6	4	6	6	7	7	6	14	10	6	3	4	4	2	2	3	3	3	5	5	3	4	5
11	3	3	3	3	2	2	2	1	2	2	3	3	5	6	7	10	14	10	11	10	13	17	11	11	6
12	13	16	24	22	19	15	14	16	18	21	18	****	****	3	7	8	9	7	8	7	4	4	4	3	12
13	2	2	2	2	2	2	2	7	7	7	6	5	3	4	4	4	4	4	****	4	5	4	4	5	4
14	5	4	3	4	4	4	6	9	11	14	13	12	11	12	9	8	5	5	4	4	13	11	10	8	8
15	6	6	4	4	4	4	5	10	10	8	7	4	5	5	4	3	4	5	-	4	4	6	4	4	5
16	4	4	3	3	3	1	3	5	7	7	5	4	3	2	2	4	5	4	4	4	3	-	4	3	4
17	3	2	2	1	1	2	2	3	4	5	4	4	4	5	5	5	3	4	5	6	9	8	8	6	4
18	6	8	10	8	8	8	8	8	7	3	3	2	3	3	3	2	3	3	2	3	-	3	3	****	5
19	3	2	****	2	2	5	10	17	21	18	13	5	3	5	4	7	7	7	7	11	10	7	6	5	8
20	4	5	4	4	4	4	7	10	10	12	10	9	7	7	7	7	7	8	8	11	12	11	9	9	8
21	6	5	8	8	9	11	15	19	15	14	13	14	7	7	7	7	8	7	6	5	4	2	2	2	8
22	2	2	2	****	****	****	****	****	****	****	****	4	4	7	8	8	8	7	7	5	5	4	3	3	5
23	2	2	1	1	1	2	2	4	4	3	5	5	****	12	15	13	18	19	5	3	5	5	6	7	6
24	11	13	9	2	3	4	3	4	4	4	3	3	4	3	3	4	4	5	5	3	3	2	3	4	4
25	3	3	3	2	1	1	2	2	2	2	3	3	4	4	3	5	5	5	6	6	5	4	4	4	3
26	15	22	13	7	9	9	17	22	8	6	5	3	4	4	4	6	8	****	8	5	4	4	4	4	8
27	2	4	3	3	2	2	4	5	8	6	4	4	5	5	4	4	5	5	5	6	6	6	8	6	5
28	7	10	12	8	12	8	6	13	20	29	30	19	11	10	8	7	9	11	11	10	26	28	24	26	15
MEAN	4	5	5	4	4	4	5	7	7	8	6	5	4	5	5	5	6	5	5	5	6	6	5	5	5.2

PERCENTAGE OF OATA VALIO - 96.9 PERCENTAGE OF OATA INVALIO - 2.5 PERCENTAGE OF OATA UNAVAILABLE - 0.6

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	14	6	7	****	4	4	4	5	6	6	5	****	6	6	6	6	7	10	10	8	5	6	9	12	7	
2	7	4	3	2	2	2	4	6	7	8	14	15	10	9	8	10	11	-	****	9	9	9	9	8	8	
3	7	5	5	5	3	3	3	5	4	6	6	7	6	5	6	5	6	8	7	9	8	9	8	10	6	
4	7	6	5	5	5	4	4	4	4	5	5	5	5	7	7	10	6	9	10	15	12	12	15	24	8	
5	8	6	4	5	5	4	4	6	7	5	5	****	5	5	3	5	6	6	8	7	7	6	5	5	6	
6	4	4	4	2	2	3	6	9	9	9	7	7	5	7	6	6	6	5	7	5	5	5	5	5	6	
7	-	****	3	4	5	5	7	18	13	5	4	4	5	3	3	4	5	7	6	8	7	5	8	12	6	
8	11	9	7	6	5	5	7	11	15	11	5	4	4	8	12	9	5	7	5	7	7	8	9	8	8	
9	8	8	7	6	5	9	13	22	35	28	14	10	5	6	9	8	9	7	8	7	7	6	7	7	10	
10	5	7	5	5	3	3	4	4	5	4	5	5	5	4	4	5	4	4	3	3	2	2	2	2	4	
11	1	1	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	
12	1	1	1	1	0	1	3	5	4	2	2	2	****	****	2	3	3	3	3	4	5	6	-	6	3	
13	4	4	2	2	2	2	4	6	7	1	8	8	8	9	8	9	8	6	6	7	4	3	2	3	5	
14	3	2	2	1	2	1	2	2	6	4	3	3	3	3	3	3	3	3	3	4	4	3	4	3	3	
15	1	1	1	1	1	1	2	4	5	3	2	3	3	3	3	3	3	3	4	4	5	5	8	7	3	
16	7	5	6	5	3	-	4	6	6	2	4	5	5	5	5	6	5	6	8	12	9	7	7	8	6	
17	7	6	9	11	12	13	12	12	11	15	12	8	7	6	7	7	8	8	9	7	7	6	9	12	9	
18	16	17	11	10	9	8	10	11	12	11	12	8	6	5	5	4	3	3	3	5	3	2	1	1	7	
19	1	1	1	1	1	2	5	7	2	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	******	
20	0	0	0	0	0	****	****	****	****	****	28	21	18	12	15	15	13	-	****	20	13	-	10	7	11	
21	8	16	15	6	6	6	11	15	20	9	5	7	6	6	6	6	10	10	10	19	13	27	23	32	12	
22	71	70	52	62	41	12	7	12	18	24	31	22	17	9	9	8	13	10	10	14	18	13	9	8	23	
23	8	6	5	4	4	4	6	8	8	8	7	7	6	6	6	7	12	16	10	7	4	3	4	4	7	
24	8	7	6	3	2	1	2	3	3	3	4	6	13	21	15	7	6	6	8	14	8	9	13	9	7	
25	4	4	3	3	3	3	3	3	2	4	3	2	3	3	3	3	4	4	4	5	5	7	6	5	4	
26	3	2	1	2	1	2	3	4	5	3	3	1	3	2	3	3	3	3	2	2	3	3	2	3	3	
27	3	2	2	1	1	1	3	4	4	3	2	2	2	2	3	2	3	3	3	4	3	4	2	3	3	
28	5	5	5	4	6	10	8	5	6	5	5	5	6	2	3	6	5	7	7	5	4	6	3	5	5	
29	5	5	4	4	2	5	10	18	15	10	10	12	8	5	6	8	9	8	13	16	15	10	8	6	9	
30	5	3	2	2	1	2	3	7	-	10	5	-	-	-	7	7	8	7	8	12	33	20	14	6	8	
31	6	6	5	10	6	3	4	6	8	7	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	
MEAN	8	7	6	6	5	4	5	8	9	7	7	7	6	6	6	6	6	6	6	8	8	7	7	7	6.6	

PERCENTAGE OF DATA VALIO - 95.3 PERCENTAGE OF OATA INVALIO - 3.4 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	4	3	2	2	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2	3
2	1	1	1	1	1	1	3	5	8	12	16	****	10	8	7	6	8	9	8	8	5	4	3	1	6
3	1	1	1	1	1	1	1	3	3	2	2	****	****	40	7	5	4	4	5	3	4	4	5	4	5
4	3	4	5	5	4	4	5	7	5	3	4	3	3	3	3	3	3	4	2	2	1	2	2	4	4
5	4	3	1	2	1	****	2	4	-	-	3	2	2	2	2	3	5	5	5	3	5	3	1	1	3
6	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
7	2	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	1
8	4	5	4	3	3	3	2	3	1	1	2	3	3	2	2	3	3	2	3	3	4	3	4	3	3
9	2	2	1	1	2	2	2	4	6	4	3	3	****	5	5	4	S	4	4	6	7	6	9	9	4
10	4	4	2	1	1	2	3	6	5	4	4	2	2	2	2	2	2	3	3	5	5	5	6	6	3
11	6	4	5	3	3	4	7	9	3	2	1	2	2	4	4	4	4	4	4	4	4	3	4	3	4
12	3	3	2	2	2	1	1	3	3	3	2	4	4	4	3	5	S	5	4	4	2	2	2	3	3
13	2	1	1	1	1	1	1	1	1	1	2	1	2	3	3	3	3	4	2	2	2	2	2	2	2
14	2	2	1	1	1	1	1	3	3	2	3	3	3	3	4	4	7	6	5	5	8	9	11	12	4
15	11	5	3	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
16	1	0	1	0	0	1	1	2	2	2	2	2	2	2	2	2	2	****	1	1	****	1	2	3	1
17	1	1	1	1	1	1	2	4	4	2	2	****	1	-	-	3	3	4	3	4	4	3	4	4	3
18	3	3	5	4	3	3	4	5	3	3	3	****	-	-	1	3	3	3	3	3	4	3	2	3	3
19	3	2	2	2	3	3	4	5	5	3	3	2	3	2	2	3	3	3	4	5	5	3	3	5	3
20	3	3	3	3	4	5	6	10	14	21	14	8	7	9	8	6	7	5	8	13	7	9	9	17	8
21	17	15	13	58	18	6	8	8	7	7	7	7	6	7	5	6	4	4	6	9	10	6	6	11	10
22	13	21	16	14	11	1	1	1	1	1	1	1	1	1	1	3	4	4	6	7	11	14	8	4	6
23	6	6	3	8	4	10	15	19	25	14	7	5	S	6	6	6	7	8	6	8	11	12	14	19	10
24	8	8	13	16	9	10	9	15	20	11	6	9	9	7	8	8	9	8	8	6	4	4	8	13	9
25	16	19	17	7	3	****	3	5	7	10	9	9	8	6	5	10	11	12	7	9	8	7	7	11	9
26	13	7	6	4	2	1	1	4	7	6	5	4	4	4	5	6	11	8	7	5	5	4	4	4	5
27	5	5	3	1	0	1	2	3	3	3	3	4	4	4	4	5	4	4	3	3	3	3	2	1	3
28	1	1	1	1	1	1	1	2	3	3	2	4	4	6	5	4	4	5	6	6	5	7	8	10	4
29	3	3	1	0	0	0	1	1	1	1	2	2	2	2	2	3	3	2	2	2	2	3	5	S	2
30	4	4	2	2	2	S	7	6	4	3	0	****	5	6	5	5	3	3	3	4	5	6	4	1	4
MEAN	5	5	4	5	3	3	3	5	5	4	4	3	4	5	4	4	4	4	4	S	5	5	5	6	4.3

PERCENTAGE OF OATA VALIO - 97.6 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	1	1	3	3	2	****	****	1	2	2	3	3	2	1	1	2	4	5	6	5	2
2	4	3	3	4	4	7	9	7	10	8	S	3	3	3	3	4	4	5	5	4	2	2	3	2	4
3	2	2	1	1	1	2	4	4	4	4	6	4	6	9	14	21	23	19	11	2	2	2	1	1	6
4	1	1	1	1	1	3	4	5	4	3	3	4	7	7	8	4	-	3	3	2	2	2	2	2	3
5	2	1	1	1	1	3	3	2	2	2	2	3	3	2	3	3	2	2	3	3	1	2	3	5	2
6	6	5	2	1	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
7	1	1	1	1	1	1	3	3	3	3	2	2	3	3	3	2	3	2	2	2	2	2	2	1	2
8	1	1	1	1	2	6	11	16	22	14	11	12	8	7	7	9	10	12	14	9	10	14	10	3	9
9	3	3	3	3	6	10	22	18	8	6	5	5	4	4	4	7	5	4	3	4	5	9	11	10	7
10	14	22	17	10	8	15	16	21	12	3	4	4	4	5	3	2	6	5	9	6	5	7	7	8	9
11	5	5	5	2	2	4	10	7	6	9	9	7	6	6	4	5	4	2	2	3	3	5	15	17	6
12	14	12	10	6	8	5	5	4	4	3	4	5	5	4	2	2	1	1	1	1	1	1	1	1	4
13	1	1	1	0	0	0	0	0	0	0	0	2	3	3	5	4	3	2	2	4	7	10	8	8	3
14	4	5	3	1	1	5	9	8	7	4	2	3	4	4	4	4	3	3	5	8	6	5	6	4	5
15	3	5	4	3	1	3	6	6	5	8	8	3	5	4	5	5	S	4	4	7	4	4	4	3	5
16	2	1	1	0	1	2	5	4	3	3	2	2	2	2	2	2	3	3	3	3	4	5	7	5	3
17	-	8	8	****	9	8	10	19	14	8	****	5	5	3	4	6	6	6	4	3	4	4	5	4	7
18	3	4	4	4	5	10	9	9	7	7	6	6	7	7	5	5	3	2	3	4	4	6	6	4	5
19	3	3	4	3	3	3	5	3	3	3	2	2	2	2	1	2	3	4	3	6	2	4	5	4	3
20	4	2	1	1	2	2	3	3	3	3	3	3	3	3	3	2	2	2	3	3	5	7	11	8	3
21	****	6	4	6	6	4	0	0	1	2	3	3	2	2	1	0	1	1	1	1	1	2	2	2	2
22	1	1	1	1	1	1	4	8	6	4	1	3	2	3	3	4	3	3	4	4	5	5	3	****	3
23	2	2	2	3	3	5	8	9	6	5	3	5	5	7	4	4	4	4	6	8	5	5	4	4	5
24	4	4	3	2	2	3	7	6	5	4	3	3	3	3	3	3	3	4	4	4	6	11	8	3	4
25	2	1	1	1	-	****	3	S	4	4	4	0	7	6	4	5	S	5	3	5	5	5	6	3	4
26	3	2	1	1	1	1	3	3	2	4	4	6	S	5	3	4	4	5	7	7	4	3	4	3	4
27	3	2	2	2	1	3	3	3	2	3	2	3	3	5	5	4	4	4	4	6	6	7	6	5	4
28	2	5	8	6	6	11	8	9	8	8	****	****	3	3	3	6	6	5	5	9	6	9	14	15	7
29	15	12	7	5	9	12	15	22	20	15	13	12	10	6	6	6	5	4	4	5	5	7	8	9	10
30	10	10	6	9	7	8	S	13	14	11	7	4	7	7	4	4	5	4	4	6	6	-	8	14	8
31	16	8	11	10	16	17	31	39	17	12	7	4	4	4	4	3	3	4	4	5	5	9	10	7	10
MEAN	5	4	4	3	4	5	7	8	7	6	4	4	4	4	4	4	4	4	4	4	4	5	6	5	4.9

PERCENTAGE OF OATA VALIO - 98.3 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	5	7	3	2	3	4	4	3	3	3	****	-	-	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	2	2	2	3	3	3	3	3	3	2	3	****	****	****	****	******
3												-	DATA	INVALID	-										
4	****	****	****	****	****	****	****	****	****	****	****	****	****	9	8	8	9	10	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	6	****	-	****	5	3	5	3	3	4	2	5	4	6	6	******
6	4	4	4	2	2	3	4	4	4	4	3	3	3	3	3	3	4	5	4	4	4	5	5	4	4
7	3	3	2	2	3	6	11	15	12	11	****	****	5	6	4	4	4	4	5	5	7	12	17	17	7
8	12	7	4	5	4	6	11	8	****	7	5	7	6	6	6	7	5	****	6	7	6	10	13	10	7
9	8	7	14	14	10	10	15	16	8	3	****	****	4	****	****	****	****	****	****	4	4	5	5	6	8
10	6	6	6	4	2	2	3	4	2	2	2	3	3	2	2	1	1	1	1	2	3	2	1	0	3
11	1	1	1	0	0	1	3	2	2	2	0	2	3	2	2	2	3	-	-	3	4	6	7	3	2
12	3	****	1	2	2	4	7	6	3	2	2	3	3	3	3	3	3	3	****	4	5	7	4	3	3
13	****	****	****	****	****	****	7	8	6	3	****	2	2	3	3	3	3	3	3	4	7	8	8	6	5
14	6	13	10	7	****	11	****	****	9	5	5	5	4	5	5	6	5	8	5	4	4	4	****	****	6
15	****	****	****	****	****	****	10	8	****	6	****	****	5	5	4	4	4	4	4	4	5	5	6	6	******
16	5	4	4	3	3	4	7	7	2	2	2	1	2	3	3	3	3	3	4	4	5	6	8	7	4
17	9	10	8	4	3	3	2	3	3	3	2	3	3	3	2	2	2	3	3	4	3	3	3	2	4
18	1	1	1	1	****	2	3	4	4	4	****	4	4	6	4	6	6	5	5	4	6	8	15	7	5
19	4	4	3	2	2	4	10	13	7	7	5	4	4	4	3	4	4	3	3	3	4	4	6	5	5
20	4	4	4	3	3	5	4	5	6	4	5	5	4	4	4	4	3	3	3	3	3	4	8	3	4
21	3	3	3	2	3	4	12	16	10	10	10	7	5	6	7	6	5	3	4	6	8	7	7	5	6
22	2	4	4	2	3	5	5	10	9	7	4	2	2	2	2	2	-	2	1	1	2	1	2	1	3
23	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	1	3	3	3	2	2	3	2
24	3	2	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	2	3	4	4	5	4	2	2
25	2	2	2	1	2	2	5	8	7	3	2	2	4	2	2	3	-	3	3	3	5	6	7	9	4
26	18	23	19	9	12	12	19	28	8	7	6	5	6	6	****	5	5	5	6	8	11	5	3	2	10
27	2	3	3	3	2	3	5	6	8	7	5	4	3	5	5	6	4	5	5	6	3	3	4	4	4
28	3	3	2	1	1	3	5	8	11	13	11	3	3	3	3	4	4	3	3	5	6	4	4	5	5
29	8	9	6	3	2	3	4	4	4	3	****	4	3	3	4	5	5	4	3	4	6	5	6	-	4
30	3	2	2	1	2	2	2	2	2	2	2	3	4	2	2	-	2	3	3	4	4	3	4	2	3
MEAN	5	5	5	3	3	4	6	8	6	5	4	3	4	4	3	4	4	4	4	4	5	5	6	5	4.5

PERCENTAGE OF DATA VALID - 82.1 PERCENTAGE OF DATA INVALID - 16.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	2	2	2	1	2	2	4	4	4	3	1	2	2	2	2	4	4	4	5	3
2	2	3	5	6	5	4	2	1	1	1	1	0	1	0	0	1	0	0	1	2	4	3	2	2	2
3	1	1	1	1	1	3	4	6	4	3	****	2	2	2	2	2	2	2	1	2	4	5	4	4	3
4	3	2	1	1	2	3	4	7	12	11	4	2	2	2	2	2	2	2	3	2	2	2	3	2	3
5	1	2	1	0	0	1	3	4	3	3	2	****	2	2	2	3	2	2	2	2	5	4	4	2	2
6	2	1	1	2	2	4	10	12	8	3	2	1	2	2	3	3	3	3	2	3	4	3	4	4	4
7	4	4	2	3	2	5	11	12	12	7	3	3	3	3	2	3	2	2	2	3	3	4	5	6	4
8	6	7	4	2	1	2	2	2	5	4	2	6	2	1	1	2	2	2	2	3	6	6	4	3	3
9	6	9	8	6	7	5	5	5	3	5	5	6	5	5	5	4	4	4	4	4	6	8	5	3	5
10	1	1	1	1	3	2	4	3	4	4	5	-	5	4	4	4	3	4	4	4	3	2	5	3	3
11	3	1	1	1	1	2	5	6	6	10	7	6	5	5	5	7	3	5	3	3	4	3	6	7	4
12	10	11	10	8	4	3	6	9	8	3	3	5	5	4	4	5	3	3	2	3	3	3	3	2	5
13	2	9	5	3	3	6	8	12	7	4	4	3	3	2	3	4	3	2	3	4	4	6	6	5	5
14	4	7	10	8	4	3	4	2	2	2	3	4	3	3	3	3	3	2	2	2	3	2	2	1	3
15	2	2	3	2	1	1	1	1	3	4	3	3	3	1	2	2	2	2	3	5	7	5	3	3	3
16	5	3	3	4	4	3	4	8	5	3	5	6	4	****	2	6	2	1	1	1	3	2	1	1	3
17	1	1	0	0	1	1	2	-	4	3	2	1	2	2	2	3	3	5	3	3	2	3	2	3	2
18	1	1	1	1	1	1	2	5	4	3	3	3	3	2	2	2	3	2	2	3	5	5	6	4	3
19	2	1	1	1	4	6	5	8	5	4	3	4	3	3	3	2	4	2	2	2	3	4	5	7	4
20	9	7	2	2	2	2	5	8	7	7	7	6	5	3	3	4	4	5	5	6	5	5	6	8	5
21	****	18	8	8	8	10	11	8	4	4	2	3	4	4	4	4	4	4	4	4	5	5	9	10	6
22	10	10	5	3	3	4	-	4	3	4	5	4	4	4	5	5	5	4	4	5	6	6	10	12	5
23	****	7	6	6	7	6	10	15	23	17	10	8	6	5	2	5	4	3	4	4	2	3	2	3	7
24	4	4	3	2	3	3	4	5	6	5	5	5	4	4	2	4	5	4	3	3	3	3	3	2	4
25	2	1	1	1	1	3	3	4	5	5	4	****	3	5	6	5	5	4	3	4	4	3	3	3	3
26	2	2	2	2	2	4	6	5	4	5	2	2	2	2	2	2	3	1	1	1	2	2	2	2	3
27	1	1	1	1	1	3	5	7	7	9	10	4	3	-	2	3	3	2	2	3	6	5	3	3	4
28	3	3	2	3	4	5	6	5	4	3	3	3	4	3	1	1	1	1	1	1	2	2	2	4	3
29	4	3	2	1	2	2	2	2	1	3	3	3	3	3	2	3	3	2	2	3	4	8	9	5	3
30	2	1	1	1	1	4	7	11	7	5	2	-	4	2	2	3	5	4	3	3	3	3	4	3	4
31	2	2	****	2	3	3	8	9	9	7	5	5	6	6	6	6	4	5	6	8	4	4	5	5	5
MEAN	3	4	3	3	3	3	5	6	6	5	4	4	3	3	3	3	3	3	3	3	4	4	4	4	3.7

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	****	****	1	1	2	6	9	4	4	4	4	3	1	2	2	3	3	3	3	3	3	3	3	3
2	2	2	****	1	****	2	4	3	2	3	3	4	2	2	2	2	2	2	2	5	3	5	5	5	3
3	7	6	6	5	5	6	10	10	6	8	5	4	4	5	6	6	5	3	2	4	5	6	8	8	6
4	7	6	7	4	3	3	5	6	5	5	4	3	3	4	3	2	3	3	4	9	8	8	7	11	5
5	10	7	5	3	3	3	3	2	2	2	2	2	2	3	2	1	1	2	2	2	3	4	4	3	3
6	2	1	1	1	1	1	2	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	6	8	2
7	8	5	3	4	5	4	4	5	****	4	4	4	****	4	****	3	****	4	4	****	2	****	****	****	4
8	****	****	****	****	****	****	****	****	7	5	3	3	4	5	3	****	****	2	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	3	3	1	2	****	****	3	3	2	****	2	2	****	4	3	******
10	****	2	****	****	****	****	****	****	8	8	5	1	****	1	2	2	2	3	3	3	4	4	4	3	3
11	3	2	2	1	1	1	2	2	2	2	2	1	2	3	3	3	4	3	5	2	2	4	4	4	3
12	4	4	4	2	2	2	3	3	2	1	1	1	1	3	7	1	1	1	2	3	3	6	9	8	3
13	8	13	12	8	8	7	18	27	14	4	4	45	7	3	4	3	3	3	3	2	2	****	2	1	9
14	1	1	1	1	1	3	5	4	3	1	2	2	2	2	2	2	2	1	-	1	1	1	1	1	2
15	1	1	1	1	1	1	3	3	3	2	2	2	2	3	3	3	3	2	3	2	4	5	6	5	3
16	5	2	2	2	3	4	9	7	7	3	4	4	3	3	5	7	7	6	7	11	11	9	11	13	6
17	10	7	5	7	7	7	11	17	20	11	10	9	8	5	6	7	7	5	6	4	3	4	6	4	8
18	5	3	3	1	2	2	3	3	5	5	5	5	6	7	9	11	12	14	19	23	28	29	21	21	10
19	31	29	23	10	3	2	2	1	1	1	1	1	3	3	2	2	2	2	4	6	8	13	8	7	7
20	4	4	6	5	3	5	12	13	11	-	10	5	5	4	3	4	5	6	5	5	5	9	10	14	7
21	13	18	15	14	23	13	9	9	6	14	14	8	4	3	3	4	5	4	3	10	14	20	16	10	11
22	9	4	3	3	2	2	3	4	2	2	-	2	3	3	3	3	3	2	2	2	2	2	2	2	3
23	2	2	3	3	3	3	5	8	7	7	7	6	7	-	9	8	9	8	6	6	5	5	6	7	6
24	1	1	1	1	1	2	3	5	5	4	3	3	4	3	4	4	3	4	4	4	3	3	3	2	3
25	2	2	1	1	1	1	1	1	1	2	1	2	2	2	3	3	3	2	3	3	2	2	4	3	2
26	4	2	2	2	2	2	1	1	1	3	5	4	3	1	1	1	1	1	2	2	2	4	4	5	2
27	4	3	3	-	1	2	3	7	9	7	4	3	3	2	-	3	3	3	3	3	3	3	3	3	4
28	4	6	9	8	6	7	6	5	4	3	2	2	3	2	2	3	3	3	3	3	3	3	3	3	4
29	3	3	3	3	2	4	6	5	4	4	5	4	4	4	3	3	4	4	3	4	4	5	4	4	4
30	4	3	2	3	3	4	7	5	4	4	-	3	3	3	1	2	2	1	2	3	5	5	4	4	3
31	3	2	2	1	1	3	6	9	2	4	5	2	2	3	3	3	3	4	3	3	2	4	4	4	3
MEAN	6	5	5	4	3	4	5	6	5	4	4	5	3	3	4	3	4	3	4	5	5	6	6	6	4.5

PERCENTAGE OF DATA VALID - 92.3 PERCENTAGE OF DATA INVALID - 6.7 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	7	9	7	6	7	7	5	4	3	4	2	2	2	2	2	2	2	2	3	3	2	2	4
2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2	2	2	2	2	1
3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	1	1
4	1	1	1	1	1	1	4	9	6	2	2	3	6	3	3	3	4	3	3	3	3	3	4	4	3
5	4	5	9	7	6	6	7	7	3	2	3	3	3	2	4	5	5	3	3	4	6	4	7	7	5
6	6	5	4	3	3	3	7	8	8	7	4	3	2	6	2	2	3	2	3	2	2	3	2	2	4
7	2	2	2	1	1	1	3	4	3	2	3	3	3	3	4	3	3	3	3	3	3	2	1	1	2
8	2	2	1	1	1	1	2	3	2	1	2	2	1	1	1	2	1	2	3	6	4	5	5	6	2
9	5	7	4	3	3	3	2	4	3	2	1	2	2	2	1	1	1	2	2	2	2	2	3	4	3
10	3	3	4	4	3	3	6	5	4	3	-	-	4	5	4	4	4	3	2	2	3	3	4	3	4
11	4	3	2	2	2	3	5	9	9	3	2	5	5	3	3	-	3	4	5	5	4	5	6	5	4
12	6	4	2	1	1	2	5	3	2	2	1	3	1	1	1	2	2	2	2	2	2	2	2	2	2
13	2	3	2	2	2	4	9	5	5	5	4	3	5	5	4	4	4	3	3	3	2	3	1	1	4
14	1	1	1	2	1	2	5	5	4	4	3	3	0	3	2	1	3	3	3	3	4	1	1	1	2
15	1	1	1	1	0	1	2	3	1	0	0	0	1	0	1	1	1	1	2	2	2	3	3	5	1
16	3	4	2	2	1	1	1	1	2	4	2	1	1	1	1	1	2	2	3	3	3	3	4	2	2
17	2	2	2	1	2	4	8	14	7	5	4	3	3	3	4	3	3	3	3	3	3	3	3	2	4
18	2	2	1	1	1	4	5	6	6	5	4	4	4	3	3	2	2	2	1	-	2	2	2	1	3
19	0	1	0	0	0	2	3	2	2	2	2	2	2	2	2	2	3	-	4	4	4	5	6	4	2
20	4	4	5	7	11	11	19	15	11	6	4	2	2	2	3	3	4	4	5	5	5	5	6	5	6
21	4	3	2	2	3	4	9	10	7	7	7	3	3	3	4	3	4	4	4	4	-	2	3	3	4
22	2	2	2	2	1	1	2	3	4	3	2	2	2	1	2	2	2	2	3	4	3	3	4	3	2
23	4	3	3	3	2	2	2	3	4	1	1	1	2	2	2	2	2	2	2	3	5	8	14	15	4
24	13	9	6	4	3	5	9	13	6	3	-	3	4	4	5	4	3	3	4	4	4	4	8	6	6
25	7	15	17	13	7	8	13	11	10	9	8	7	6	6	5	6	7	3	4	7	4	8	9	5	8
26	5	4	3	2	1	3	7	9	9	7	4	6	7	6	4	6	6	5	10	14	14	23	23	22	8
27	19	17	20	22	15	14	17	28	27	13	10	10	6	6	7	6	6	5	6	11	16	7	9	7	13
28	6	4	6	4	5	7	8	7	3	0	-	-	5	6	7	7	7	6	9	6	6	7	13	17	7
29	14	12	11	10	8	8	15	17	12	6	4	2	2	2	2	3	3	3	3	4	4	5	6	6	7
30	11	8	7	6	5	5	7	7	6	4	3	3	4	4	4	3	4	4	5	9	11	5	3	2	5
MEAN	5	4	4	4	3	4	6	7	6	4	3	3	3	3	3	3	3	3	3	4	4	4	5	5	4.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	2	4	7	10	6	2	7	6	5	5	5	4	4	5	5	8	8	10	6	5
2	6	4	2	1	1	2	5	9	-	-	-	-	3	2	3	4	4	3	2	2	3	2	1	1	3
3	1	1	1	1	1	1	3	4	4	4	5	5	7	9	8	9	5	6	2	3	4	4	4	2	4
4	1	1	1	2	2	3	4	7	4	4	6	6	9	9	5	8	8	6	7	8	8	9	12	16	6
5	10	6	5	4	1	3	5	9	9	7	7	5	6	8	8	45	-	8	9	9	4	4	5	4	8
6	2	2	2	2	2	3	5	4	4	4	4	4	4	4	4	4	2	4	4	3	3	2	3	3	3
7	3	3	2	2	2	1	1	1	2	1	1	1	2	2	1	1	1	1	2	3	3	3	3	2	2
8	2	-	2	2	2	2	3	3	3	1	3	3	3	3	3	3	4	5	5	4	4	3	3	3	3
9	3	2	2	2	2	3	3	5	5	3	-	-	-	0	-	1	1	2	3	5	3	3	2	4	3
10	5	4	-	-	4	-	16	24	27	5	2	1	-	0	-	-	-	-	3	4	3	4	7	5	7
11	4	3	-	-	-	-	4	8	12	14	7	4	-	-	-	1	2	1	2	-	-	-	-	-	******
12	-	-	-	-	-	-	2	4	5	4	3	-	1	2	5	6	8	6	6	7	2	4	3	2	4
13	2	2	1	1	2	2	3	4	4	3	2	2	2	2	2	3	3	3	4	3	2	2	5	6	3
14	5	5	7	4	2	2	2	3	2	3	1	1	1	1	1	2	1	3	4	4	4	5	6	4	3
15	2	2	3	2	2	4	8	-	13	-	4	11	9	8	5	3	4	7	6	4	4	5	5	5	5
16	4	2	1	1	1	2	7	9	5	4	3	-	2	3	3	3	3	4	4	4	4	4	4	5	4
17	6	7	8	8	9	9	16	-	-	20	21	28	40	39	46	42	39	45	49	44	44	39	45	51	30
18	31	7	3	1	1	3	6	13	4	-	3	4	3	3	3	4	4	6	7	7	8	8	9	6	6
19	5	4	3	2	2	2	4	6	6	6	5	6	7	8	7	12	-	11	5	4	4	6	6	5	5
20	6	4	3	3	4	4	4	7	7	7	4	4	4	3	4	5	5	4	3	5	4	3	4	3	4
21	3	2	2	2	2	3	3	2	2	2	4	4	4	4	3	2	3	3	4	4	6	5	10	8	4
22	5	5	5	6	6	9	16	9	8	8	4	7	7	9	8	9	9	8	7	8	7	5	6	5	7
23	4	2	1	2	2	2	4	7	8	5	5	5	5	5	4	5	5	4	4	4	3	3	3	3	4
24	2	2	1	1	1	2	3	6	4	5	6	7	3	2	2	2	4	2	2	1	2	-	1	1	3
25	1	1	1	1	1	1	4	5	3	2	2	2	1	1	4	3	5	4	4	3	2	4	3	2	3
26	2	1	1	1	1	2	4	8	5	6	5	4	3	-	3	3	4	3	3	3	2	4	2	2	3
27	2	1	1	1	1	2	3	4	3	3	3	3	2	3	3	4	4	4	4	2	3	3	4	3	3
28	3	4	2	2	2	3	4	5	4	3	2	1	2	-	3	3	3	5	3	3	3	3	2	1	3
29	1	1	1	1	1	1	1	5	8	4	4	-	6	4	6	5	6	7	7	7	3	3	6	5	4
30	5	3	1	1	1	1	3	3	6	4	4	4	4	4	4	4	4	6	6	5	4	3	3	3	4
31	2	3	1	1	1	2	3	7	5	5	5	2	-	4	4	4	5	5	4	4	5	9	9	9	4
MEAN	4	3	2	2	2	3	5	6	6	5	4	5	5	5	6	7	5	6	6	6	5	6	6	6	4.9

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 6.6

NOTES 1. "*****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	4	2	3	3	6	8	10	10	13	13	10	13	13	12	9	25	29	10	4	2	1	3	9
2	4	3	2	2	2	3	4	8	13	6	4	7	6	5	5	6	8	9	8	8	9	5	4	4	6
3	5	6	6	7	6	4	6	6	6	8	8	6	4	5	4	4	5	6	4	4	6	4	4	-	5
4	4	3	4	3	2	3	3	4	4	3	2	2	2	1	1	3	3	3	7	6	7	5	5	8	4
5	19	15	10	9	8	20	19	17	9	-	6	4	4	3	5	6	7	4	4	4	4	6	6	5	8
6	9	13	18	16	9	4	5	10	15	21	14	11	10	9	12	10	13	9	12	14	14	17	19	15	12
7	6	3	1	1	1	0	1	2	4	2	1	1	1	2	2	3	3	3	3	3	2	2	1	2	2
8	3	2	2	2	1	-	-	3	3	2	4	3	4	5	5	5	7	4	4	6	6	3	5	3	4
9	3	5	4	3	7	7	11	14	19	18	-	9	4	4	4	6	5	5	5	-	-	3	4	5	7
10	7	7	4	1	1	2	1	2	2	1	2	1	1	1	1	1	3	3	3	3	3	3	3	3	2
11	2	3	-	1	2	3	1	1	3	1	1	3	-	3	1	1	1	3	2	3	6	4	3	5	2
12	3	1	1	-	1	1	1	4	5	5	3	2	6	6	6	5	5	5	5	7	14	19	19	15	6
13	13	13	8	5	3	3	4	8	13	9	7	4	5	5	4	5	6	6	11	10	9	5	5	5	7
14	3	3	2	2	2	2	3	7	8	7	4	3	3	3	4	6	7	7	6	5	4	5	6	8	5
15	6	6	7	4	3	3	5	7	6	5	4	4	4	5	6	7	6	8	10	10	8	4	3	2	6
16	1	1	1	1	1	1	1	5	6	-	4	4	4	4	4	5	7	7	5	5	5	5	4	4	4
17	4	3	2	2	2	2	3	3	5	6	5	4	3	3	3	3	4	4	7	10	15	31	20	27	7
18	30	17	10	11	15	32	17	12	17	14	6	4	5	3	4	3	4	5	6	5	4	5	3	3	10
19	3	1	1	1	1	1	2	4	6	4	3	2	-	5	8	11	7	6	6	7	5	5	8	10	5
20	6	5	6	7	6	7	8	11	14	8	5	3	3	3	3	4	5	5	5	5	3	3	2	2	5
21	1	1	1	1	1	2	2	4	5	5	3	-	-	5	5	5	5	-	4	4	3	4	5	4	3
22	4	4	4	5	5	7	10	12	11	10	9	10	14	7	9	8	5	6	7	5	5	5	5	5	7
23	-	4	3	2	4	5	7	14	11	13	10	9	7	10	9	10	18	18	15	19	18	15	16	25	11
24	28	13	12	3	1	1	2	2	2	3	3	3	3	4	5	5	6	7	8	8	10	-	5	8	6
25	5	7	6	16	15	8	5	6	7	6	4	4	5	3	3	3	3	4	3	3	3	3	3	3	5
26	2	2	2	2	2	3	6	7	8	4	6	3	6	6	4	5	5	3	3	2	2	3	3	3	4
27	2	2	2	2	2	2	4	7	8	5	5	6	6	5	6	6	7	8	8	8	7	11	11	8	6
28	5	6	6	4	3	3	4	4	4	-	-	-	-	-	-	-	4	5	3	5	5	4	4	3	4
29	3	3	2	2	2	2	4	5	7	6	4	4	-	3	3	4	-	-	5	5	4	4	4	3	4
30	3	3	3	2	3	2	3	4	6	4	4	3	3	4	4	4	4	6	6	6	5	5	4	4	4
MEAN	7	5	5	4	4	5	5	7	8	7	5	5	5	5	5	5	6	7	7	7	7	7	6	7	5.7

PERCENTAGE OF DATA VALIO - 96.3 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.8

NOTES 1. "*****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	3	3	3	3	3	3	2	4	5	5	9	10	10	-	7	6	5	5	4	4	2	2	5
2	2	2	2	2	2	3	2	2	1	2	2	1	2	1	2	2	3	5	7	5	7	8	6	8	3
3	7	5	3	2	2	2	4	5	6	7	3	3	-	-	-	-	-	-	-	-	-	-	-	-	******
4	3	3	3	2	3	2	2	5	8	7	7	3	3	2	3	3	5	5	4	3	4	5	4	6	4
5	5	4	3	5	2	3	3	4	6	6	4	4	4	4	4	4	7	4	10	7	4	3	6	4	5
6	4	3	3	2	2	3	5	11	13	8	11	7	7	6	7	6	S	7	6	6	4	4	5	6	6
7	5	5	5	3	3	4	5	7	6	-	3	3	3	4	5	4	5	5	4	3	3	4	3	3	4
8	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	2	3	3	-	2	2	2	2	3	2
9	4	3	2	2	2	2	2	2	4	3	3	2	2	2	2	5	S	4	4	4	4	4	2	2	3
10	2	2	2	2	2	3	4	6	5	10	3	5	5	6	5	5	5	5	5	6	7	8	4	3	5
11	3	2	2	2	2	5	6	6	9	6	5	6	5	5	5	4	6	6	9	4	4	4	4	3	5
12	2	2	2	1	2	1	3	2	3	3	3	2	2	2	2	2	4	3	2	2	2	2	2	2	2
13	2	2	1	2	1	2	3	5	8	9	7	6	6	7	6	7	10	13	13	7	14	11	5	2	6
14	1	1	1	3	3	3	4	S	6	-	3	3	3	-	4	4	4	3	3	S	3	3	3	3	3
15	3	6	3	5	6	8	8	S	3	2	4	4	4	4	4	4	5	5	5	5	6	6	5	5	5
16	6	5	5	6	5	3	5	5	5	4	6	5	S	7	7	3	2	2	2	2	2	2	2	2	4
17	2	2	2	1	1	1	3	6	11	13	11	-	-	4	-	3	3	3	3	3	2	3	2	1	4
18	1	1	1	1	2	2	2	4	4	5	7	7	7	6	10	12	14	11	6	10	10	3	3	2	5
19	1	1	1	1	3	2	3	3	3	4	3	4	5	S	3	5	6	6	5	6	6	6	7	7	4
20	7	4	4	3	3	4	5	9	11	10	10	10	11	11	9	9	11	20	21	24	25	24	S	3	11
21	6	3	3	2	3	3	3	6	10	7	7	7	6	6	6	8	6	8	10	9	11	10	9	8	7
22	6	5	4	3	4	4	3	4	5	4	5	5	7	7	8	6	7	7	6	6	6	9	11	10	6
23	10	10	8	7	7	7	5	4	4	5	5	6	7	8	7	7	6	9	8	7	7	9	10	11	7
24	7	8	6	7	12	9	8	5	5	4	5	5	4	5	5	5	4	4	4	3	3	4	4	5	5
25	5	4	4	3	3	1	2	1	1	1	1	1	1	3	3	3	3	1	1	1	1	1	2	1	2
26	1	1	1	0	0	1	0	1	1	1	1	1	1	2	2	3	2	1	3	3	2	3	3	1	1
27	1	1	1	0	0	1	1	3	2	3	-	3	2	2	4	5	S	4	4	3	3	3	3	3	2
28	1	2	1	1	1	1	2	4	6	6	3	2	3	3	4	4	5	5	4	3	5	3	4	3	3
29	3	2	3	3	2	5	3	2	5	3	3	2	2	2	3	3	3	4	3	3	2	2	3	3	3
30	2	3	3	2	2	1	2	3	4	3	1	1	1	1	2	2	3	5	4	4	4	5	3	4	3
31†	4	3	1	3	8	8	4	5	6	8	7	6	6	4	4	4	7	6	7	9	8	9	14	-	6
MEAN	4	3	3	3	3	3	3	4	5	5	5	4	4	4	5	S	5	6	6	S	6	5	S	4	4.4

PERCENTAGE OF OATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	4.6	10	35
FEB	28	5.2	15	30
MAR	30	6.6	23	71
APR	30	4.3	10	58
MAY	31	4.9	10	39
JUN	24	4.5	10	28
JUL	31	3.7	7	23
AUG	29	4.5	11	45
SEP	30	4.1	13	28
OCT	30	4.9	30	51
NOV	30	5.7	12	32
OEC	30	4.4	11	25
YEAR	354	4.8	30	71

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	500	177	39	5	1	0	0	722
FEB	433	144	62	12	0	0	0	651
MAR	376	241	73	10	4	1	4	709
APR	542	115	41	3	1	0	1	703
MAY	524	151	47	7	2	0	0	731
JUN	443	117	29	2	0	0	0	591
JUL	612	105	14	1	0	0	0	732
AUG	535	109	32	9	1	1	0	687
SEP	554	115	36	6	0	0	0	711
OCT	536	128	13	4	5	8	1	695
NOV	442	174	68	7	2	0	0	693
DEC	532	163	23	4	0	0	0	722
YEAR	6029	1739	477	70	16	10	6	8347

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
95.3	0	0.7	2.1	3.2	4.8	8.5	11.8	17.0	21.4	71	4.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	15	5	4	5	5	5	6	6	6	9	6	5	6	6	6	7	7	5	5	4	3	4	4	6
2	6	6	7	6	7	9	8	7	12	8	8	10	8	10	10	8	8	10	7	5	-	-	-	2	8
3	1	1	1	2	2	2	4	7	10	8	7	4	6	7	7	7	13	8	6	6	4	4	5	4	5
4	3	2	4	2	2	3	6	8	12	10	8	7	6	5	5	7	9	8	6	5	4	3	2	4	5
5	2	2	1	1	2	2	4	6	9	10	9	8	6	8	8	6	9	7	7	7	7	7	****	8	6
6	9	8	8	7	7	6	7	8	8	9	7	8	7	6	6	5	5	6	6	5	5	5	5	4	7
7	4	4	5	5	4	6	7	10	9	10	8	8	10	15	16	15	18	14	15	14	10	7	6	7	9
8	11	10	8	5	7	8	7	11	15	14	10	9	6	****	1	5	8	8	7	9	6	6	6	6	8
9	5	4	6	6	4	5	7	9	11	10	13	13	12	10	11	13	12	11	9	8	8	8	9	10	9
10	8	7	6	5	5	5	7	12	15	13	8	8	9	****	6	8	9	11	9	10	8	6	****	7	8
11	6	6	8	6	9	13	27	50	66	39	28	17	10	7	8	8	9	9	-	-	-	10	11	14	17
12	10	9	17	13	11	14	19	28	35	17	13	15	13	10	11	11	14	14	-	-	16	16	-	51	17
13	37	24	18	13	7	4	8	7	9	-	10	10	6	7	7	7	7	6	5	5	5	5	6	7	10
14	6	7	8	10	6	4	5	5	8	3	2	2	3	3	3	3	3	3	3	5	4	2	4	3	4
15	3	1	1	1	2	2	5	7	8	9	10	8	6	9	9	10	10	8	7	7	13	5	6	5	6
16	4	4	4	4	5	4	5	8	13	14	8	10	7	7	8	7	9	9	9	7	9	11	15	16	8
17	19	26	34	26	17	6	7	12	10	10	9	10	10	13	13	20	24	18	21	14	6	4	5	6	14
18	4	4	4	4	5	4	8	10	12	12	-	-	10	12	8	10	13	11	9	8	8	7	9	9	8
19	9	8	7	7	8	11	14	25	33	13	26	25	-	13	13	14	11	10	11	15	8	4	5	5	13
20	5	5	6	4	4	7	10	8	12	9	6	6	6	5	6	5	5	7	8	11	5	4	6	5	6
21	4	4	5	5	4	5	9	6	6	6	5	5	6	6	6	6	6	5	4	6	4	4	4	4	5
22	4	4	7	5	3	-	6	8	10	10	8	7	7	8	7	7	-	****	7	5	6	10	10	10	7
23	7	4	6	4	4	6	9	14	13	13	11	13	12	12	13	13	12	10	7	7	7	7	8	7	9
24	7	7	5	4	4	5	9	13	-	-	10	6	4	15	15	12	11	8	9	4	3	3	3	3	7
25	3	3	3	6	7	5	8	12	12	12	13	12	15	13	14	8	15	12	8	9	7	7	7	8	9
26	8	5	7	7	5	7	8	14	16	17	13	9	10	10	9	11	11	10	10	10	9	8	8	9	10
27	9	8	6	5	6	6	8	9	9	9	9	8	9	10	12	15	19	25	13	15	14	12	11	10	11
28	9	10	6	4	4	5	5	5	4	4	4	4	5	6	6	7	6	5	5	5	5	5	5	6	5
29	6	6	6	5	5	5	5	8	10	8	8	8	6	8	10	6	8	8	6	5	4	4	4	4	6
30	4	4	4	4	4	3	8	13	10	10	6	5	5	5	6	12	9	-	6	5	4	3	5	4	6
31	4	3	4	4	4	3	6	9	10	8	6	6	4	5	7	6	7	5	5	5	5	4	4	3	5
MEAN	7	7	7	6	5	6	8	11	14	11	10	9	8	9	9	9	10	9	8	8	7	6	6	8	8.2

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOE5 - CHEMILUMINE5CENT UNITS - 0.01 PART5/MILLION

5TATION - C NO 31105 HYORO S5 5HER8OURNE/WILTON 5T.TORONTO MONTH - FE8 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	3	3	4	4	8	7	8	7	9	8	8	9	13	7	5	5	4	4	4	5	5	6
2	5	6	4	4	4	5	6	10	13	9	7	7	7	6	7	8	9	6	6	8	6	7	8	8	7
3	8	9	15	13	18	19	27	40	15	23	19	6	7	7	7	8	9	7	7	9	8	9	8	4	13
4	5	7	4	5	5	4	4	5	5	5	3	4	3	3	3	4	4	4	3	3	2	2	3	3	4
5	1	2	1	1	2	2	3	7	7	6	6	5	5	6	3	5	-	5	4	5	4	3	3	4	4
6	4	4	5	5	5	12	12	23	35	22	****	****	****	****	****	****	****	****	9	8	5	6	8	7	11
7	5	5	5	5	7	10	14	20	13	10	9	9	9	8	9	8	8	7	5	12	10	10	9	10	9
8	10	9	8	2	2	2	4	9	****	10	7	4	4	4	4	4	8	8	5	5	5	5	5	5	6
9	6	6	4	4	4	5	7	10	12	10	5	8	10	8	7	9	7	8	8	8	9	7	5	8	7
10	8	7	6	5	4	5	7	7	9	17	10	8	7	5	5	4	4	4	4	6	6	4	4	3	6
11	7	7	7	7	6	5	5	4	6	6	7	S	5	6	7	5	11	14	13	17	24	27	25	26	11
12	31	27	18	15	23	24	33	36	26	27	28	16	12	10	11	13	16	18	11	12	7	4	5	5	18
13	4	4	4	3	6	7	8	11	14	13	10	9	10	8	10	10	10	9	****	9	6	7	8	8	8
14	7	5	4	5	7	5	6	10	12	12	12	14	15	****	13	16	13	7	5	6	4	10	11	8	9
15	5	6	4	5	5	5	9	12	15	12	11	8	10	9	9	8	7	6	-	4	4	6	5	6	7
16	18	16	15	12	11	12	15	16	14	13	14	9	10	8	****	10	11	9	-	8	7	8	9	7	11
17	-	8	6	6	6	7	6	7	8	8	9	7	8	-	8	7	7	9	10	11	8	8	7	7	8
18	8	10	15	10	12	9	13	3	3	3	3	4	4	3	3	3	2	2	3	3	-	3	5	****	6
19	****	3	****	1	2	8	13	25	32	39	14	10	9	7	4	12	11	13	14	16	9	10	14	14	13
20	12	8	10	7	7	8	10	16	18	21	11	10	9	9	8	9	11	10	9	15	19	17	17	17	12
21	14	13	9	8	8	10	20	24	20	19	19	25	28	10	8	9	10	11	12	9	7	5	5	3	13
22	3	3	2	2	2	2	4	5	7	6	8	7	****	14	16	17	20	14	11	6	6	5	6	4	7
23	4	4	3	2	3	4	8	10	24	12	12	13	15	22	23	23	30	23	26	21	13	8	12	9	14
24	12	15	13	5	5	5	7	10	9	7	7	7	7	7	7	7	8	7	6	6	4	4	4	4	7
25	3	3	2	2	2	2	3	3	3	3	4	3	5	6	5	3	3	4	5	5	4	4	4	2	3
26	2	1	1	2	2	1	5	12	18	10	8	8	7	7	8	12	9	****	6	5	4	4	4	4	6
27	4	4	4	4	5	4	8	10	13	12	9	7	11	8	8	7	8	7	7	8	7	8	10	8	8
28	9	16	15	14	15	7	13	19	27	37	25	15	12	11	10	13	15	17	17	19	20	23	23	23	17
MEAN	8	8	7	6	6	7	10	13	14	14	11	9	9	8	8	9	10	9	8	9	8	8	8	8	8.9

PERCENTAGE OF OATA VALIO - 96.6 PERCENTAGE OF OATA INVALID - 2.5 PERCENTAGE OF OATA UNAVAILA8LE - 0.9

NOTE5 1. "****" INOICATE5 INVALIO OATA OUE TO IN5TRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILA8LE

3. "******" INOICATE5 LES5 THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RE5OURCE5 BRANCH

POLLUTANT - NITROGEN OXIOE5 - CHEMILUMINE5CENT UNIT5 - 0.01 PART5/MILLION

5TATION - C NO 31105 HYORO 5S 5HER8OURNE/WILTON 5T.TORONTO MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	9	7	****	4	5	8	10	9	6	6	6	6	7	5	7	9	8	8	6	5	5	8	10	7
2	10	7	6	4	4	4	6	8	8	13	14	18	12	16	16	20	17	-	****	10	9	9	11	9	11
3	7	7	5	3	4	4	6	7	8	8	6	4	7	6	6	5	6	6	5	8	11	11	10	9	7
4	6	5	4	4	3	3	3	4	5	6	5	4	6	18	12	14	17	16	15	17	13	16	29	42	11
5	9	7	5	4	5	6	9	15	18	15	12	11	7	11	7	9	12	11	11	11	9	7	7	8	9
6	4	3	2	3	3	5	11	19	16	13	11	11	8	7	8	7	7	5	10	9	6	5	5	9	8
7	-	****	5	4	4	14	31	60	21	9	7	6	7	7	9	10	11	8	6	8	6	5	8	16	12
8	20	14	11	9	10	9	12	20	22	12	6	3	7	8	12	14	17	20	16	8	8	8	12	11	12
9	13	12	8	4	8	15	25	35	50	26	18	3	****	10	14	15	13	9	9	7	5	5	7	8	14
10	12	13	7	4	4	4	5	8	8	9	8	7	6	5	5	5	6	7	6	4	4	3	2	2	6
11	2	2	1	1	1	1	1	2	2	2	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2
12	2	1	1	2	2	2	4	5	6	5	5	4	4	****	4	4	5	4	4	4	6	7	-	7	4
13	5	2	2	2	1	3	8	13	11	8	11	12	6	14	10	11	17	11	8	10	7	7	6	7	8
14	5	4	4	3	3	4	5	8	12	9	5	5	5	5	4	5	5	5	4	5	5	4	5	4	5
15	4	4	3	2	2	3	4	7	6	6	4	4	4	4	4	5	4	4	3	3	5	6	6	6	4
16	7	6	5	3	3	-	7	11	8	7	6	****	****	8	9	10	9	8	16	15	11	10	10	11	9
17	8	8	7	9	15	16	15	13	16	9	8	10	9	8	10	10	8	7	7	6	5	5	6	13	10
18	17	14	14	10	10	11	11	15	9	6	7	5	7	9	9	8	8	7	7	11	8	4	3	3	9
19	3	2	****	5	7	8	15	11	9	6	7	5	7	8	8	9	10	9	14	22	28	34	43	53	14
20	38	34	43	24	13	17	51	61	73	49	27	21	17	15	18	22	25	-	****	34	32	****	11	9	30
21	9	16	18	8	9	11	20	33	38	15	7	7	7	8	9	13	11	9	16	31	21	26	47	60	19
22	95	57	21	16	31	9	10	20	20	29	27	18	15	13	8	15	16	12	11	14	16	8	8	7	21
23	7	4	4	4	3	4	12	12	9	9	12	13	12	15	15	17	21	26	14	10	9	5	5	9	10
24	9	7	4	3	3	3	4	6	5	6	6	7	12	17	13	9	9	7	11	14	11	13	14	9	8
25	6	5	3	2	2	2	3	3	2	2	3	3	3	3	3	3	3	4	4	5	5	8	11	6	4
26	6	5	3	3	4	7	6	6	7	6	6	6	5	3	4	3	4	4	3	2	3	3	2	2	4
27	3	2	2	2	3	2	4	5	5	4	4	3	2	2	2	4	4	3	3	4	6	5	6	4	4
28	6	6	6	6	10	18	24	17	15	11	11	9	10	6	5	6	5	4	4	3	3	5	9	6	9
29	6	5	5	4	4	7	19	26	23	16	14	20	15	9	11	12	13	14	13	21	14	13	12	7	13
30	5	4	2	3	2	3	7	10	-	15	14	18	26	-	18	19	24	16	11	21	18	19	11	12	13
31	11	8	9	9	4	5	7	13	14	11	3	3	3	3	3	3	4	3	3	4	4	4	2	2	6
MEAN	11	9	7	5	6	7	11	16	15	11	9	8	8	8	8	10	10	9	8	11	10	9	11	12	9.6

PERCENTAGE OF OATA VALIO - 97.7 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILA8LE - 0.9

NOTE5 1. "****" INOICATE5 INVALIO OATA OUE TO IN5TRUMENTATION FAILURE

2. "-" INOICATE5 OATA I5 UNAVAILA8LE

3. "******" INOICATE5 LE55 THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	3	1	1	1	1	1	1	1	1	1	3	3	3	2	3	2	2	2	3	2	1	1	2
2	1	1	1	1	1	2	5	9	12	10	****	****	****	****	****	****	****	****	****	****	****	-	-	-	******
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- OATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11	7	6	5	5	6	9	8	5	******
MEAN	2	2	2	1	1	2	3	5	7	6	1	1	3	3	7	7	5	4	4	4	5	6	5	3	3.6

PERCENTAGE OF DATA VALID - 6.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 92.4

NDTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	2	2	2	3	5	6	5	5	****	****	4	3	5	5	5	3	3	4	4	5	6	5	4
2	5	5	4	5	7	22	26	19	17	12	11	9	7	4	7	8	10	9	6	4	4	4	4	4	9
3	3	2	2	1	1	4	7	8	7	7	9	7	8	13	18	22	23	37	30	4	3	3	3	3	9
4	1	1	1	1	2	3	6	6	10	10	7	9	11	10	12	18	-	4	3	3	4	3	3	3	6
5	2	2	1	1	1	2	2	3	3	3	3	6	5	5	5	5	6	7	5	7	3	3	3	5	4
6	5	5	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	1	1	1	1	2	4	7	7	7	6	5	4	5	5	5	5	6	5	3	3	2	2	2	2	4
8	2	2	2	2	4	13	21	24	21	17	18	15	12	9	10	11	11	14	12	10	8	13	15	9	11
9	5	5	4	6	11	25	38	19	19	10	10	9	8	10	9	12	11	10	12	13	17	21	15	20	13
10	16	14	9	8	17	26	64	53	29	25	15	13	11	11	11	8	9	8	14	7	7	7	12	12	17
11	7	6	4	3	5	13	26	24	17	12	13	13	14	9	11	10	6	6	5	4	4	9	16	16	11
12	21	6	7	10	7	6	9	13	21	6	7	7	8	6	3	3	3	3	3	3	3	3	3	3	7
13	3	3	3	2	2	2	2	2	2	2	2	5	5	3	6	5	4	3	3	7	10	11	11	14	5
14	9	6	3	2	3	11	25	15	11	7	9	5	2	8	9	8	8	5	9	15	14	13	17	8	9
15	5	6	6	6	6	7	15	14	12	20	14	10	8	11	14	15	13	9	7	11	8	6	7	5	10
16	5	3	3	3	3	4	6	9	8	6	5	6	5	4	4	4	4	4	4	5	6	7	8	8	5
17	-	16	13	****	18	26	20	24	17	14	10	8	8	8	10	11	9	8	9	8	6	5	6	5	12
18	5	5	5	8	10	14	19	19	14	15	11	10	13	12	8	15	14	9	7	4	4	7	9	4	10
19	3	3	4	3	6	8	9	7	5	5	7	7	8	6	5	6	5	4	5	5	4	5	6	6	6
20	6	5	6	4	3	4	5	6	4	4	4	5	5	6	6	6	6	6	3	4	6	15	15	15	6
21	****	3	4	5	7	8	3	2	2	3	5	5	4	2	1	1	1	1	2	2	2	2	3	4	3
22	4	4	4	3	3	5	9	14	14	12	8	9	4	8	8	7	7	6	5	3	3	3	4	****	6
23	2	3	2	3	4	5	9	10	9	9	9	9	11	13	10	12	13	8	8	7	6	4	5	5	7
24	6	7	5	4	4	5	8	9	6	6	3	4	9	9	11	11	10	8	4	3	4	8	9	3	7
25	1	1	1	1	-	****	6	7	7	8	8	7	7	7	5	5	5	5	5	5	4	4	4	4	5
26	3	3	2	2	1	3	3	6	6	5	4	6	7	6	6	5	5	5	6	6	6	5	4	4	5
27	4	2	3	3	2	3	4	5	4	3	3	4	7	6	4	6	5	4	3	4	5	7	7	5	4
28	2	5	7	6	7	15	15	13	17	14	8	7	8	7	8	13	8	7	10	9	14	8	8	11	9
29	7	7	4	4	6	10	22	31	16	11	10	14	14	9	9	8	9	12	12	8	9	7	9	8	11
30	11	6	5	5	6	14	26	28	16	15	11	10	9	8	7	6	6	7	8	9	13	16	13	11	11
31	5	4	3	3	7	25	50	34	18	18	16	8	5	7	9	8	7	6	8	5	7	12	11	8	12
MEAN	5	5	4	4	5	10	15	14	11	9	8	8	8	7	8	8	8	7	7	6	6	7	8	7	7.7

PERCENTAGE DF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NDTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	6	8	7	3	7	12	12	9	5	6	****	-	-	6	6	8	7	7	11	11	11	19	25	9
2	9	4	2	3	9	3	4	3	3	3	3	2	2	3	4	4	6	8	4	4	5	9	13	13	5
3	9	5	4	4	4	6	5	4	4	4	5	5	3	4	3	3	3	3	4	12	18	19	17	11	7
4	9	7	6	5	4	11	16	17	11	10	9	6	6	6	7	7	6	7	5	15	12	8	6	8	9
5	3	2	4	5	6	14	11	6	4	7	6	-	8	1	4	4	4	2	2	3	3	3	3	5	5
6	4	3	2	1	2	5	7	6	5	4	6	5	7	7	6	6	4	4	4	4	4	3	3	2	4
7	1	1	1	1	4	12	20	18	14	11	11	9	8	7	10	9	7	5	7	6	11	14	18	14	9
8	7	5	5	5	6	18	19	20	15	10	8	4	9	6	5	6	8	8	10	8	13	17	14	6	10
9	5	6	3	5	6	8	11	8	7	5	5	4	4	4	5	4	3	4	4	4	3	4	5	5	5
10	5	4	1	2	2	3	4	3	5	5	4	4	3	3	2	2	2	2	2	3	7	5	2	2	3
11	2	1	1	1	1	4	4	3	3	3	3	2	1	3	3	3	3	-	-	2	2	4	4	3	3
12	3	2	1	1	1	4	8	7	4	3	3	3	3	3	3	4	3	3	****	3	4	5	5	3	3
13	3	3	2	2	2	3	6	7	6	4	3	3	3	3	3	3	2	2	2	2	4	11	12	7	4
14	7	10	24	22	****	26	****	****	9	7	3	6	7	9	9	9	8	7	7	5	5	8	9	8	10
15	5	5	4	5	7	15	12	11	7	8	****	****	7	7	5	6	5	4	6	9	10	16	13	10	8
16	9	6	4	4	6	10	9	9	8	6	3	2	4	3	3	3	3	3	3	8	9	12	17	19	7
17	12	12	5	3	3	3	3	3	5	5	5	4	3	3	2	2	2	4	4	4	3	2	2	2	4
18	1	1	2	2	1	2	5	6	5	3	****	3	3	-	6	-	-	-	7	10	12	15	25	7	6
19	5	3	3	3	4	6	17	11	9	6	6	6	8	7	7	8	8	8	7	5	5	6	7	5	7
20	4	4	3	4	7	6	9	12	8	9	5	10	10	9	8	8	8	6	4	4	4	4	8	14	7
21	8	5	4	3	3	6	15	18	18	17	14	10	9	9	10	10	8	6	6	7	10	8	9	7	9
22	5	5	4	3	5	7	13	14	15	11	11	8	6	10	6	6	-	4	3	3	3	2	3	2	6
23	2	2	1	1	1	1	2	3	3	3	3	3	4	3	3	3	3	3	4	3	3	3	3	3	3
24	4	6	****	2	2	2	2	****	4	3	2	2	2	2	2	2	2	2	2	3	4	5	7	6	3
25	4	3	3	4	6	6	12	16	13	11	12	8	6	6	6	8	-	8	7	7	9	12	13	19	9
26	29	35	23	19	21	28	39	30	18	13	12	10	10	6	****	10	8	8	8	8	10	14	11	6	16
27	4	4	5	4	4	9	10	10	14	18	17	11	7	13	10	13	11	11	16	17	15	7	6	7	10
28	8	7	6	5	6	10	19	36	23	21	14	7	7	7	8	9	8	7	8	10	9	8	8	11	11
29	9	10	7	4	5	8	15	16	8	****	****	9	10	7	7	9	5	4	4	5	5	4	5	-	7
30	3	2	2	2	2	2	4	3	3	4	3	4	3	3	3	-	4	4	4	5	5	5	7	3	3
MEAN	6	6	5	4	5	8	11	11	9	8	7	6	6	6	5	6	5	5	5	6	7	8	9	8	6.7

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	4	3	2	5	5	5	6	4	4	4	4	7	5	6	6	5	6	4	4
2	6	4	4	3	4	7	3	2	2	2	2	1	2	1	1	1	2	2	2	3	3	3	3	3	3
3	2	2	2	2	4	7	9	10	8	4	****	4	3	****	3	5	4	3	3	3	4	5	5	6	4
4	4	3	3	3	3	8	14	13	14	14	10	7	5	3	3	4	3	1	1	2	2	2	4	3	5
5	3	3	2	2	2	4	8	7	5	4	5	****	1	0	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	7	8	7	9	7	9	8	5	8	9	8	5	4
10	3	3	3	2	3	8	13	12	10	9	12	-	9	8	8	7	7	6	9	8	7	7	6	6	7
11	5	5	6	6	6	9	9	10	14	13	11	7	7	9	11	10	8	7	7	6	8	6	11	14	9
12	15	18	15	16	18	25	33	25	18	17	12	9	8	6	6	6	6	5	6	8	8	9	13	7	13
13	6	3	3	4	6	11	18	14	13	9	5	5	****	11	11	8	8	7	7	7	9	10	8	8	8
14	8	17	20	15	9	8	7	6	6	6	6	6	6	5	6	6	5	5	5	6	5	5	5	5	7
15	5	7	5	3	3	2	3	3	4	5	5	5	6	4	7	5	5	5	6	9	14	8	7	7	6
16	7	8	7	10	14	10	8	20	20	14	12	9	8	7	8	12	10	5	4	4	4	4	5	4	9
17	3	2	2	2	3	4	9	-	10	8	8	6	7	****	7	7	7	6	9	7	3	4	4	4	6
18	2	2	2	2	2	4	8	11	11	10	9	5	5	5	6	6	7	6	6	6	6	5	5	3	6
19	3	2	1	3	7	14	18	24	9	9	10	8	6	7	7	7	8	7	6	4	4	7	8	8	8
20	17	9	7	6	7	14	31	17	9	9	6	6	5	7	8	8	9	8	6	6	9	8	8	11	10
21	****	14	14	21	18	16	16	8	6	5	4	5	4	5	4	4	5	5	5	6	6	8	11	16	9
22	8	10	5	2	3	3	-	4	3	2	4	4	3	3	3	3	3	3	4	4	5	6	9	16	5
23	****	8	5	4	2	6	12	18	14	11	8	5	6	6	8	8	6	6	6	5	5	5	5	4	7
24	6	4	3	4	5	7	12	10	7	8	8	7	8	9	8	9	7	6	6	5	4	5	6	4	7
25	3	3	2	2	3	5	10	10	8	7	8	7	6	8	8	7	7	7	6	6	6	5	5	5	6
26	4	4	4	2	4	6	10	12	10	12	5	5	5	4	4	6	5	3	3	3	3	3	3	3	5
27	2	2	2	4	4	5	7	11	13	20	17	10	1	-	5	7	6	8	7	9	9	9	10	8	8
28	6	5	4	4	3	6	11	10	9	7	6	8	6	4	4	4	6	4	2	3	3	3	4	4	5
29	5	5	4	4	4	5	6	3	3	5	4	4	4	4	3	3	4	5	6	7	9	8	13	7	5
30	4	3	3	3	4	8	19	14	10	11	9	7	8	3	8	9	7	7	6	5	6	5	7	5	7
31	3	3	2	3	5	11	14	21	12	6	8	10	7	7	5	7	7	8	9	11	14	9	6	6	8
MEAN	5	5	4	4	5	7	10	10	8	7	7	5	5	5	5	6	5	5	5	5	5	5	6	6	5.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	5	4	3	4	10	11	6	9	12	9	8	8	7	7	7	6	5	4	4	5	5	3	6
2	2	2	2	2	2	6	11	10	8	5	5	5	5	3	3	4	4	4	5	8	11	14	17	12	6
3	9	7	6	6	10	16	28	13	12	9	8	6	8	6	7	9	8	9	5	11	13	14	11	13	10
4	7	7	8	5	5	9	10	7	5	5	6	6	5	5	5	6	5	5	7	18	21	14	8	16	8
5	15	15	10	6	5	5	5	4	4	3	3	4	4	4	5	3	3	3	3	3	3	4	4	5	5
6	3	3	2	1	1	1	2	3	3	2	2	2	4	4	4	4	4	5	5	5	6	10	12	12	4
7	13	6	4	4	8	13	16	11	10	8	8	8	****	6	6	8	8	9	9	6	3	4	3	3	8
8	2	4	5	6	5	11	9	9	10	15	7	6	3	11	9	7	3	3	3	4	4	4	5	4	6
9	4	5	3	3	4	7	8	7	8	8	6	6	8	****	8	7	6	6	6	6	5	5	5	4	6
10	3	3	2	3	2	6	7	10	14	20	10	3	2	2	2	3	4	4	2	3	4	4	4	4	5
11	4	3	1	1	1	2	2	5	4	3	3	3	5	6	5	5	5	4	6	3	3	3	3	3	3
12	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	4	4	3	4	5	5	9	13	25	5
13	16	23	17	14	15	26	52	42	18	10	9	6	5	7	8	6	6	6	3	2	2	2	3	3	13
14	3	2	3	1	1	6	6	6	5	5	3	3	2	2	2	3	3	2	-	1	1	1	1	1	3
15	1	1	0	0	0	2	4	5	5	6	5	4	4	2	4	4	3	3	3	3	4	4	5	7	3
16	5	5	3	4	5	7	17	16	10	8	8	9	7	6	6	7	7	6	8	9	10	19	17	12	9
17	13	9	10	14	17	23	30	44	27	17	12	10	12	9	10	15	10	7	9	11	7	8	9	6	14
18	7	5	2	2	4	4	6	7	9	10	9	8	8	8	8	12	14	15	15	14	13	12	21	25	10
19	23	12	19	16	5	3	3	3	3	2	2	2	6	5	4	3	3	6	9	9	9	10	9	8	7
20	17	13	7	6	10	19	25	19	15	21	15	8	7	-	8	10	8	8	8	7	7	13	16	22	13
21	22	20	17	20	20	24	18	17	17	18	11	8	7	8	7	-	9	8	12	19	30	27	20	19	16
22	8	5	5	4	3	5	7	7	5	4	5	5	5	-	11	9	4	3	4	3	3	3	4	5	5
23	4	4	5	6	8	11	18	17	18	16	14	12	12	13	14	13	10	12	13	11	9	7	9	11	11
24	8	4	4	2	4	7	13	12	11	10	8	7	7	-	8	9	7	7	7	7	4	6	9	6	7
25	6	4	2	2	3	4	3	3	6	6	5	5	5	5	7	8	7	9	11	16	5	5	5	6	6
26	5	5	5	3	3	4	3	4	5	3	4	3	3	3	3	4	3	5	5	4	5	5	8	6	4
27	5	4	3	4	3	5	13	19	17	16	9	8	6	6	8	10	9	9	9	9	6	6	7	6	8
28	8	8	6	12	11	12	14	14	13	9	8	9	-	-	9	10	10	7	5	5	5	5	7	7	9
29	5	5	4	5	5	11	19	17	14	11	11	9	8	8	8	7	9	11	11	10	12	9	10	9	10
30	12	7	6	7	8	16	14	11	9	8	7	8	8	-	5	4	3	3	3	4	5	5	4	5	7
31	4	3	3	3	3	4	10	20	9	7	7	5	5	5	4	6	5	4	4	6	6	6	6	6	6
MEAN	8	7	6	5	6	9	12	12	10	9	7	6	6	6	6	7	6	6	7	7	7	8	8	9	7.5

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 0.3 PERCENTAGE OF OATA UNAVAILA8LE - 1.1

NOTE5 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA IS UNAVAILA8LE

3. "*****" INOICATE5 LE55 THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RE5OURCE5 8RANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINE5CENT UNIT5 - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO 5S SHER8OURNE/WILTON ST.TORONTO MONTH - 5EP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	8	18	20	21	22	24	12	7	7	5	4	4	3	3	3	3	4	6	6	5	6	5	4	9
2	4	3	2	3	2	2	2	3	3	3	3	4	4	4	4	4	3	3	4	4	5	5	6	4	3
3	4	4	2	4	2	1	1	2	1	1	1	4	3	3	3	1	1	1	3	3	3	2	2	1	2
4	1	1	1	1	3	6	10	16	10	8	8	6	3	5	5	6	6	5	5	5	4	4	6	5	5
5	9	15	15	12	11	12	20	12	8	5	4	4	5	7	8	10	7	6	3	3	4	2	7	8	8
6	6	6	4	4	3	4	10	12	13	10	6	3	4	7	2	2	3	2	2	1	2	2	2	2	5
7	1	1	1	1	1	2	5	7	6	4	5	4	8	6	6	5	4	2	3	3	2	1	1	1	3
8	1	1	1	0	0	1	2	3	2	1	1	1	1	1	1	2	2	2	2	3	4	3	3	5	2
9	6	6	3	4	3	2	4	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3
10	2	1	2	3	2	5	12	5	4	3	3	3	5	9	7	7	6	3	2	1	1	2	4	4	4
11	5	2	1	4	4	7	12	13	13	6	5	7	7	2	-	-	8	7	8	7	7	14	18	13	8
12	11	5	1	1	3	11	17	12	9	7	7	7	5	6	6	3	2	2	2	2	1	2	1	1	5
13	2	4	2	2	4	11	24	22	10	6	6	5	4	8	8	10	10	9	10	7	5	6	6	2	8
14	1	1	1	1	2	2	8	9	8	9	6	7	5	5	4	5	5	4	5	4	5	2	2	3	4
15	2	2	1	1	1	1	3	6	3	2	1	1	1	1	2	1	2	2	4	3	3	4	10	9	3
16	7	6	4	2	1	4	7	6	7	9	5	5	4	5	5	4	4	4	6	8	9	9	11	6	6
17	4	3	2	2	4	11	21	20	12	9	6	5	4	5	6	8	7	4	5	7	9	9	8	7	7
18	5	2	3	3	4	8	12	13	8	7	6	4	5	5	6	8	3	2	2	-	2	2	1	1	5
19	1	2	1	3	3	4	7	8	6	5	5	3	4	3	4	5	5	-	6	6	6	7	7	5	5
20	8	19	21	21	21	29	51	65	48	26	14	6	6	6	5	7	10	8	7	11	15	14	9	8	18
21	6	6	5	5	3	12	24	22	16	14	13	12	6	7	8	7	7	6	6	8	-	5	5	5	9
22	5	5	3	3	3	4	6	8	7	4	3	3	2	1	1	2	2	2	3	5	6	6	6	7	4
23	7	5	5	6	4	4	6	5	5	3	3	4	3	3	4	6	4	4	7	7	15	26	29	34	8
24	28	22	16	14	12	15	29	40	21	12	9	8	6	5	10	10	8	6	6	6	5	10	19	17	14
25	33	36	36	25	30	47	50	36	22	15	11	11	13	10	10	8	13	22	11	17	13	28	15	19	22
26	7	3	5	3	1	2	9	14	12	8	6	11	11	7	8	10	9	11	14	28	31	21	59	42	14
27	33	36	41	29	24	35	58	69	34	22	20	15	13	10	11	10	12	11	16	23	13	8	14	16	24
28	10	7	7	5	10	16	24	16	13	12	13	10	10	12	20	18	15	15	12	8	7	7	11	16	12
29	19	15	12	11	10	14	15	13	12	14	9	9	7	4	5	5	4	6	6	5	6	9	12	22	10
30	25	16	6	2	3	4	9	16	17	8	5	6	6	6	6	5	5	6	6	12	12	15	5	3	9
MEAN	9	8	7	7	7	10	16	16	11	8	6	6	5	5	6	6	6	6	6	7	7	8	10	9	8.0

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILA8LE - 0.7

NOTE5 1. "****" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA I5 UNAVAILA8LE

3. "*****" INDICATE5 LE55 THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	2	2	2	4	14	20	16	11	10	16	4	4	10	13	11	9	7	5	7	9	16	12	9
2	9	6	2	1	1	6	11	18	13	8	7	10	5	6	7	6	6	4	4	4	3	3	3	3	6
3	2	2	2	2	2	5	9	9	12	14	10	11	10	13	14	15	17	12	9	6	10	11	11	6	9
4	2	2	1	1	2	8	14	21	15	13	10	11	16	12	9	13	12	11	14	14	14	14	19	23	11
5	17	12	7	6	3	5	10	17	16	16	11	2	9	14	19	19	13	13	12	10	6	3	6	4	10
6	3	3	2	3	3	4	7	8	7	7	5	7	7	5	8	6	4	6	4	4	2	2	3	4	5
7	4	2	1	1	2	1	3	1	1	1	1	1	1	1	1	1	2	2	3	3	3	4	4	3	2
8	3	-	2	3	2	2	4	5	2	2	2	5	5	3	5	6	6	9	9	6	5	4	3	4	4
9	4	3	2	2	3	4	7	9	9	8	-	-	5	6	6	6	7	6	10	10	6	6	7	10	6
10	17	14	-	15	17	-	31	40	48	14	10	4	11	10	11	10	11	8	8	8	11	9	8	9	15
11	8	6	3	5	4	14	13	24	27	17	14	11	3	9	-	11	10	8	7	8	5	2	4	3	9
12	2	1	0	1	2	5	10	12	11	9	8	11	8	-	19	12	11	10	11	11	4	6	5	5	8
13	6	3	2	2	3	3	6	7	8	7	5	3	4	3	3	3	3	4	4	5	3	4	4	6	4
14	6	5	6	5	3	2	3	3	3	3	2	1	2	2	2	2	2	4	5	8	9	10	11	7	4
15	6	6	5	5	6	12	17	-	15	-	12	13	11	11	9	9	7	6	5	6	6	7	6	6	8
16	4	2	1	1	2	4	8	10	8	5	4	-	4	3	4	5	4	4	4	4	4	5	6	8	5
17	12	11	10	10	12	15	30	-	-	26	24	26	20	21	23	57	63	48	65	62	49	45	55	57	34
18	58	15	4	2	4	6	13	19	8	8	7	7	6	9	9	8	-	7	8	11	9	10	8	8	11
19	5	5	3	2	2	5	9	9	8	8	9	8	14	8	11	-	-	20	19	6	8	9	8	7	8
20	7	7	3	3	6	7	6	9	10	13	8	8	5	4	4	8	6	8	10	9	11	8	7	3	7
21	3	2	2	1	3	2	3	2	4	3	3	3	3	3	3	3	3	7	11	13	13	11	9	6	5
22	5	3	4	4	7	21	47	44	26	19	14	12	10	9	11	13	15	16	12	10	8	10	11	7	14
23	3	2	1	2	3	7	10	13	12	5	8	8	6	5	5	7	5	5	7	3	2	4	4	3	5
24	2	1	1	1	3	7	8	10	10	10	7	9	6	3	4	4	4	3	3	3	2	-	2	2	5
25	1	1	1	1	1	1	5	7	5	5	3	3	4	4	3	5	7	6	5	4	4	5	3	4	4
26	4	2	2	1	2	2	6	10	8	7	6	-	5	-	4	4	4	2	2	2	2	2	2	2	4
27	2	2	2	1	-	2	6	6	8	3	4	5	7	8	9	7	5	5	6	5	3	2	2	2	4
28	3	3	-	2	2	2	6	9	10	7	5	4	6	4	4	4	9	9	6	5	4	3	2	1	5
29	1	1	1	1	1	3	2	5	8	7	6	5	5	4	5	5	9	9	8	8	4	5	4	5	5
30	3	2	1	2	1	2	4	7	8	6	5	5	0	6	5	7	8	8	7	7	6	6	4	4	5
31	4	2	2	2	1	3	10	15	12	9	7	6	6	4	4	4	6	6	3	3	5	10	16	15	6
MEAN	7	4	3	3	4	5	11	13	12	9	8	8	7	7	8	9	9	9	9	8	7	8	8	8	7.6

PERCENTAGE OF OATA VALIO - 97.3 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 2.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	7	5	2	2	3	12	17	23	21	22	24	20	20	20	16	17	27	43	16	5	5	4	9	15
2	7	6	5	5	5	5	10	14	20	17	9	7	10	10	7	9	12	12	15	11	12	9	5	5	9
3	6	7	8	13	11	7	4	6	11	16	10	7	7	6	5	5	8	7	4	6	8	6	9	-	8
4	11	5	4	3	3	3	6	11	11	6	2	2	3	4	4	6	7	4	12	17	10	6	10	18	7
5	20	20	15	20	29	38	49	64	41	15	13	13	12	7	10	14	18	12	9	7	7	7	11	14	19
6	24	33	27	21	15	13	16	29	44	38	18	17	17	17	21	18	22	14	15	17	18	23	24	17	22
7	11	6	3	3	3	1	2	4	5	4	4	3	2	4	5	5	6	7	5	7	7	5	4	5	5
8	5	3	3	1	1	-	-	5	4	5	5	5	4	6	11	13	10	10	9	10	8	6	5	5	6
9	6	10	12	20	26	23	26	43	62	24	17	19	15	14	12	14	8	7	7	-	6	6	7	8	17
10	11	12	7	4	3	4	3	4	4	4	4	4	3	4	4	4	5	5	5	5	4	5	5	5	5
11	4	3	-	2	3	3	3	3	4	5	4	5	-	4	3	3	3	5	4	4	5	6	6	7	4
12	6	5	5	-	4	4	5	8	9	7	7	6	10	12	13	15	15	12	11	11	32	33	36	32	13
13	27	24	17	8	5	5	7	15	22	19	15	13	10	7	4	7	9	11	11	12	11	6	5	5	11
14	5	3	2	3	2	5	6	10	11	11	7	6	4	6	7	8	8	9	8	5	5	5	6	12	6
15	7	10	11	4	4	6	12	13	12	10	8	7	7	8	11	16	13	13	13	14	11	6	4	3	9
16	2	2	2	2	2	2	4	5	7	6	8	0	7	9	10	12	10	8	8	7	8	11	8	12	6
17	9	7	3	3	2	4	4	5	10	9	11	8	6	5	4	4	5	7	8	17	45	44	59	84	15
18	-	94	87	67	39	29	26	24	31	26	8	9	9	7	7	7	5	5	8	12	10	4	3	3	23
19	3	2	3	2	2	3	5	15	19	17	11	11	12	13	14	16	12	11	8	8	7	10	11	10	9
20	9	7	5	5	10	17	23	40	30	20	13	14	12	10	7	6	8	7	6	6	4	4	4	3	11
21	3	3	1	1	1	1	4	15	14	11	12	11	10	4	8	7	8	-	-	2	3	3	5	5	6
22	3	5	4	3	5	8	25	35	35	28	16	11	12	10	15	13	14	14	12	9	11	8	8	7	13
23	8	7	3	6	6	13	-	27	18	22	24	28	27	23	30	39	27	35	28	21	20	30	41	47	23
24	44	-	17	6	3	3	4	5	5	5	5	6	7	7	6	8	11	11	14	12	13	-	9	13	10
25	9	13	13	39	39	25	23	17	12	6	5	5	4	4	3	4	4	4	3	3	3	3	3	3	10
26	3	3	3	3	3	5	15	18	15	14	15	15	10	7	4	6	8	9	8	5	4	6	7	6	8
27	5	4	2	2	2	5	6	9	11	-	-	-	-	-	-	-	11	16	14	11	10	12	12	6	8
28	5	5	5	3	4	5	8	5	6	4	4	3	3	4	5	7	11	9	6	7	5	5	4	3	5
29	2	3	2	2	2	1	4	6	10	8	5	4	5	4	3	6	-	-	9	8	7	5	6	4	5
30	4	3	2	2	2	2	4	6	7	8	6	5	4	5	5	6	8	10	7	7	6	5	4	5	5
MEAN	9	11	10	9	8	8	11	16	17	13	10	9	9	8	9	10	10	11	11	10	10	10	11	12	10.5

PERCENTAGE OF OATA VALIO - 96.9 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	3	2	2	3	5	5	6	7	7	9	9	10	-	7	6	6	5	4	4	3	2	5
2	2	4	2	2	3	6	4	4	4	3	2	2	2	2	2	2	3	8	10	7	11	9	8	10	5
3	9	4	3	3	3	3	6	9	13	12	9	10	7	5	3	4	-	6	7	5	7	7	4	5	6
4	5	5	5	4	5	5	9	13	12	13	13	8	5	5	5	6	11	9	7	7	9	9	9	10	8
5	6	5	4	5	3	3	6	12	15	10	8	5	6	7	8	8	12	18	10	7	6	6	7	7	8
6	6	6	4	5	5	7	12	18	19	14	14	11	10	9	10	11	10	9	13	12	10	8	10	11	10
7	9	8	8	7	6	8	13	12	12	7	6	7	2	5	6	7	9	9	8	5	7	5	8	10	8
8	5	3	1	1	1	1	1	1	1	2	2	2	2	2	2	2	4	5	-	4	2	2	4	6	2
9	6	4	2	2	2	2	2	3	3	5	5	3	3	3	3	5	8	7	6	7	6	5	3	2	4
10	2	2	2	3	4	5	13	14	23	19	13	14	12	6	-	12	12	13	11	11	10	18	12	8	10
11	7	4	4	4	4	6	11	17	18	17	14	12	11	10	12	11	12	15	17	14	11	10	9	9	11
12	6	6	5	5	5	6	14	8	8	7	6	6	5	5	5	5	7	8	5	4	4	4	3	4	6
13	4	4	2	2	2	2	5	9	12	11	10	9	9	10	7	15	13	15	16	13	17	15	9	3	9
14	2	2	4	2	5	6	7	12	17	10	7	5	5	-	5	7	7	5	5	6	5	4	3	6	6
15	8	8	6	3	5	1	3	4	4	4	4	4	4	3	4	5	6	6	6	10	8	8	8	6	5
16	6	6	6	8	6	5	4	7	7	8	10	11	13	10	8	4	3	2	2	2	2	1	2	2	6
17	3	4	4	3	3	3	4	8	17	20	20	15	10	-	7	5	6	6	6	5	3	3	2	4	7
18	2	2	2	2	2	4	3	8	8	7	9	7	7	10	17	20	19	12	7	9	8	3	3	3	7
19	2	2	2	1	1	2	5	5	5	6	4	3	4	6	6	6	6	6	5	3	3	4	6	7	4
20	5	3	3	3	3	4	6	9	10	10	10	12	4	9	9	12	19	31	36	37	37	36	7	7	13
21	4	6	4	2	2	3	13	36	49	27	23	22	21	15	15	17	15	13	16	16	17	17	16	13	16
22	11	7	6	3	3	4	4	4	5	6	8	9	9	10	15	25	22	16	13	18	17	16	15	12	11
23	12	12	10	9	7	7	7	7	7	9	11	10	13	13	9	9	11	15	19	15	19	16	17	14	12
24	12	8	9	10	17	17	14	10	6	6	5	4	4	4	4	4	4	2	3	2	2	2	2	2	6
25	4	4	4	4	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	3	2
27	2	1	1	1	1	1	2	2	3	3	2	2	3	2	0	5	6	4	4	3	3	3	3	2	2
28	3	1	1	1	1	1	1	4	7	7	6	3	3	4	4	7	10	10	7	7	8	4	4	3	4
29	3	3	3	2	3	4	3	3	4	4	3	3	3	3	3	4	6	7	6	3	2	2	2	3	3
30	3	3	3	2	2	1	3	4	5	3	1	1	1	1	3	3	3	5	5	4	4	5	5	5	3
31	5	4	3	3	5	17	14	42	28	14	11	5	6	5	5	6	7	10	9	8	8	9	16	-	10
MEAN	5	4	4	3	4	4	6	9	11	9	8	7	6	6	6	8	9	9	9	8	8	8	7	6	6.9

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8.2	17	66
FEB	28	8.9	18	40
MAR	31	9.6	30	95
APR	1	3.6	2	12
MAY	31	7.7	17	64
JUN	30	6.7	16	39
JUL	31	5.9	13	33
AUG	31	7.5	16	52
SEP	30	8.0	24	69
OCT	31	7.6	34	65
NOV	30	10.5	23	94
DEC	31	6.9	16	49
YEAR	336	7.9	34	95

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	221	361	119	12	5	1	2	721
FEB	218	266	125	32	8	0	0	649
MAR	262	246	168	26	11	6	8	727
APR	34	8	2	0	0	0	0	44
MAY	327	249	128	24	4	1	2	735
JUN	356	226	97	12	3	0	0	694
JUL	380	271	75	5	2	0	0	733
AUG	335	252	126	18	0	2	1	734
SEP	361	196	104	33	11	5	5	715
OCT	350	234	113	12	2	6	7	724
NOV	260	202	161	42	16	10	7	698
DEC	380	221	120	8	6	2	0	737
YEAR	3484	2732	1338	224	68	33	32	7911

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
90.3	0	1.7	3.7	5.7	8.3	14.5	19.2	27.7	37.4	95	7.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	7	6	5	4	5	4	5	5	5	4	5	5	5	4	4	4	6	5	5	4	5	4	3	5
2	3	2	1	1	1	1	3	8	10	10	8	8	9	10	6	11	16	13	12	12	-	-	-	3	7
3	0	0	0	0	1	1	2	5	7	7	4	3	5	5	5	5	6	7	5	4	4	3	2	3	4
4	2	1	1	1	1	1	3	5	7	5	4	4	4	4	3	****	7	6	5	5	4	4	3	3	4
5	3	3	2	2	2	1	1	2	6	8	8	7	7	7	7	8	12	14	12	12	12	14	****	11	7
6	10	10	9	8	6	7	7	7	9	10	9	7	7	8	7	6	6	7	8	8	11	10	5	4	8
7	5	6	6	5	5	4	5	5	6	7	6	7	7	9	11	16	18	15	13	11	8	7	7	6	8
8	5	3	3	3	3	6	10	21	28	23	15	12	9	****	7	7	7	9	9	7	7	6	5	5	9
9	4	3	2	2	2	2	2	4	7	8	6	5	5	5	8	8	9	10	10	8	7	7	8	8	6
10	9	8	7	6	5	5	6	12	18	14	11	8	7	****	7	6	10	12	13	15	13	11	****	8	10
11	6	3	4	5	5	7	16	28	40	48	38	23	14	12	10	9	12	17	21	-	-	33	31	26	19
12	19	18	13	10	9	8	9	14	11	10	4	2	2	0	2	2	2	3	-	-	31	32	26	19	11
13	12	8	6	5	4	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2	2	2	4
14	3	3	3	3	4	4	5	5	5	5	3	2	2	1	1	3	2	3	3	5	5	4	3	2	3
15	2	1	1	1	0	1	2	4	5	5	5	5	1	0	0	1	0	1	1	1	1	1	1	1	2
16	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	0	0	0	0	0	****	-	-	****	****	****	****	****	****	****	****	****	****	****	****	*****
19												- DATA INVALID -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	5	4	4	3	3	3	4	7	9	10	8	6	5	5	5	6	7	7	8	6	7	9	7	6	6.0

PERCENTAGE OF DATA VALID - 54.4 PERCENTAGE OF DATA INVALID - 7.5 PERCENTAGE OF DATA UNAVAILABLE - 38.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	13	10	10	8	7	7	6	6	******
2	5	4	3	3	3	4	11	16	14	8	7	7	7	4	20	****	10	10	11	15	13	11	10	15	9
3	24	19	20	16	15	15	22	37	46	29	16	12	12	11	11	13	14	17	13	13	15	17	17	16	18
4	9	9	5	5	5	6	5	5	6	5	4	4	4	4	3	3	4	4	4	4	4	4	3	3	5
5	3	2	2	2	2	3	5	7	7	6	4	4	3	4	4	6	-	8	7	8	6	6	5	6	5
6	4	4	4	4	5	5	11	21	21	12	9	7	7	11	11	8	12	10	8	6	7	10	5	3	9
7	2	1	1	2	2	3	3	2	8	3	1	1	1	1	1	1	1	3	6	5	4	2	4	4	3
8	5	4	6	5	3	2	5	9	****	9	5	5	5	5	4	6	7	8	9	8	8	6	4	4	6
9	4	3	1	1	1	2	5	10	10	7	7	7	7	7	5	9	12	14	18	18	18	16	13	14	9
10	11	8	7	6	6	8	14	16	7	4	4	4	4	7	7	7	6	6	6	7	7	5	2	2	7
11	2	2	2	2	2	2	3	4	4	3	2	2	3	4	4	5	6	9	14	19	20	24	31	26	8
12	18	15	16	17	18	15	23	25	21	13	13	6	2	2	1	4	9	19	19	11	6	4	3	5	12
13	2	2	1	1	1	1	2	7	11	8	6	6	6	4	10	8	10	10	****	10	8	7	7	7	6
14	3	3	2	2	3	2	1	4	4	4	4	4	3	3	3	3	1	1	6	6	4	3	2	1	3
15	1	0	0	0	0	0	1	4	4	3	1	1	0	0	1	0	0	1	-	1	2	1	1	1	1
16	0	0	0	0	0	0	2	7	5	4	3	5	5	6	8	9	10	10	8	8	7	-	3	3	4
17	1	1	1	0	1	1	3	5	5	6	5	5	6	7	7	8	9	11	11	9	9	5	3	3	5
18	3	3	9	9	6	1	1	1	1	3	0	0	0	0	0	0	0	0	0	0	-	0	1	****	2
19	****	0	****	1	1	3	19	46	44	33	26	17	11	10	8	10	14	15	15	15	13	9	7	8	15
20	7	6	6	4	4	4	6	11	12	11	12	6	****	10	9	11	14	15	15	14	16	17	15	13	10
21	10	8	7	5	5	8	10	10	8	6	4	6	10	9	8	9	10	8	6	5	4	4	3	3	7
22	3	2	2	2	2	3	5	12	10	9	11	9	6	7	7	6	7	6	5	5	6	4	2	2	6
23	1	1	0	0	1	1	1	1	3	3	1	2	2	2	3	5	8	7	8	10	9	8	8	11	4
24	17	19	11	5	5	6	9	17	12	10	11	10	10	12	11	12	10	10	11	5	4	3	2	2	9
25	2	2	2	2	1	1	0	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2
26	2	1	1	1	0	0	1	3	8	8	5	3	4	3	****	5	5	****	5	4	14	38	5	8	6
27	11	6	5	4	4	4	11	19	19	10	8	8	9	9	8	9	11	11	13	15	****	17	13	11	10
28	8	8	9	12	14	22	39	38	30	29	****	****	16	18	14	17	20	25	25	27	29	24	17	14	21
MEAN	6	5	5	4	4	5	8	13	12	9	7	6	6	6	7	7	8	9	10	9	9	9	7	7	7.4

PERCENTAGE OF OATA VALIO - 95.2 PERCENTAGE OF OATA INVALIO - 4.2 PERCENTAGE OF OATA UNAVAILABLE - 0.6

NOTE5 1. "****" INOICATE5 INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATE5 LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCE5 BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	8	7	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- OATA INVALIO -													
3												- OATA INVALIO -													
4.												- OATA INVALIO -													
5												- OATA INVALIO -													
6												- OATA INVALIO -													
7												- OATA INVALIO -													
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	5	11	15	13	11	12	11	******
9	9	8	6	6	8	13	23	42	56	28	13	15	11	10	8	6	7	8	8	7	5	4	4	5	13
10	8	9	8	8	7	6	6	7	7	7	7	8	8	9	8	10	11	7	7	7	5	4	4	4	7
11	4	4	4	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	3	4	4	4	4	3
12	3	1	1	1	1	1	2	6	7	5	3	3	3	****	4	3	5	6	6	6	8	10	-	16	5
13	11	4	2	2	2	3	4	9	10	6	7	8	8	7	4	9	9	10	7	5	6	5	5	4	6
14	4	3	3	3	3	2	3	5	7	6	4	4	3	3	3	3	5	6	5	4	4	3	3	3	4
15	1	1	0	0	0	0	1	8	9	6	3	3	3	3	3	4	6	6	3	5	6	7	6	8	4
16	10	10	9	6	2	-	5	8	10	7	6	5	5	6	****	8	6	9	16	30	22	13	12	13	10
17	14	15	14	14	12	10	15	17	15	9	7	8	6	3	3	3	4	5	5	3	2	2	4	14	9
18	11	11	6	10	8	8	13	14	8	7	5	3	5	7	6	4	3	2	3	9	8	2	1	1	6
19	2	3	2	3	5	12	19	12	4	1	0	0	0	0	1	1	4	5	17	33	38	45	41	52	13
20	30	21	15	13	5	9	26	50	43	14	9	7	6	2	6	9	11	-	****	14	16	****	14	13	16
21	8	9	12	7	6	10	22	51	25	6	3	2	0	1	1	1	2	5	8	29	30	54	96	100	20
22	80	77	56	41	11	6	12	21	19	11	9	8	6	3	2	1	1	2	3	12	17	12	9	4	18
23	6	6	3	1	1	1	1	2	2	2	2	2	2	1	****	2	2	3	3	2	5	5	8	6	3
24	3	4	2	2	1	1	1	1	1	1	2	2	3	8	8	5	3	2	1	6	7	14	19	19	5
25	6	3	3	2	2	2	2	2	2	2	2	2	3	3	5	4	4	5	6	7	5	6	6	3	4
26	2	0	0	0	0	0	3	7	5	5	4	3	4	3	3	3	4	3	3	3	3	3	4	3	3
27	2	1	0	0	0	0	3	6	4	3	3	3	3	3	3	4	6	5	5	5	5	5	5	7	3
28	6	7	6	6	6	8	12	3	2	2	1	2	1	0	0	0	0	0	1	1	1	2	4	5	3
29	3	3	3	3	3	4	10	22	20	16	11	11	12	11	12	12	16	10	6	6	7	7	3	3	9
30	5	1	0	0	0	0	0	1	-	1	1	2	4	6	8	8	11	13	11	28	18	12	6	8	6
31	6	8	4	3	4	3	7	9	8	9	5	4	5	5	5	6	7	7	7	7	6	3	3	2	6
MEAN	10	9	7	6	4	5	8	13	12	7	5	5	5	4	5	5	6	6	6	10	10	10	12	13	7.6

PERCENTAGE OF OATA VALIO - 74.6 PERCENTAGE OF OATA INVALIO - 24.6 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTE5 1. "****" INOICATE5 INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	1	1	2	****	7	8	****	****	9	13	14	8	9	6	4	3	4	
3	3	2	1	0	0	1	3	6	7	****	****	4	5	0	5	7	10	9	8	7	9	8	6	5	5	
4	5	4	4	4	3	3	8	7	5	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	2	
5	4	5	1	1	1	****	5	9	-	-	5	4	5	5	4	7	7	10	9	9	2	1	2	2	5	
6	2	1	0	0	0	0	2	3	4	3	2	2	2	1	2	3	4	3	4	4	3	3	2	2	2	
7	2	2	1	0	0	0	****	****	****	****	****	****	4	4	4	5	4	4	4	6	5	5	5	7	3	
8	8	9	8	5	2	1	1	1	****	****	****	****	****	0	0	0	0	1	1	2	2	2	1	1	2	
9	0	0	0	0	0	0	1	1	2	2	1	2	1	2	1	2	4	5	5	5	13	17	20	24	5	
10	4	2	1	1	0	1	6	13	9	7	6	8	7	5	5	****	****	****	****	****	****	****	****	****	15	6
11	11	5	2	1	3	5	5	6	3	2	1	1	1	0	1	1	2	1	2	2	2	1	1	2	3	
12	6	4	2	1	1	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	0	0	1	1	
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	2	2	1	1	1	1	
14	1	2	1	1	2	1	2	4	4	4	5	8	8	6	6	8	5	4	3	3	3	7	17	26	5	
15	18	7	3	2	2	1	2	2	2	2	3	2	3	3	4	4	4	3	4	5	5	5	4	4	4	
16	2	1	1	1	1	1	4	9	9	6	6	6	8	7	5	8	8	****	8	7	****	6	4	6	5	
17	2	1	1	1	1	3	5	11	9	7	6	5	4	-	-	5	7	7	6	8	8	7	5	7	5	
18	3	3	2	1	1	3	7	13	9	5	5	****	-	-	5	7	9	7	7	7	5	5	6	6	6	
19	4	2	1	1	2	4	11	14	7	7	5	5	5	5	3	7	9	10	12	15	12	11	10	9	7	
20	4	3	2	5	9	13	18	25	16	18	9	7	11	11	3	9	12	11	13	20	28	27	29	43	14	
21	45	45	44	43	40	34	24	11	6	4	4	3	4	4	2	3	3	3	4	10	16	9	4	6	15	
22	14	23	23	18	5	2	4	4	4	4	5	4	5	5	5	5	6	7	8	15	21	17	11	8	9	
23	6	5	6	5	5	6	11	13	10	11	10	6	8	5	7	8	6	9	3	10	20	22	18	24	10	
24	21	17	15	9	7	8	15	14	12	8	7	6	7	4	3	3	3	4	3	4	4	5	9	11	8	
25	11	8	4	5	5	****	3	4	4	4	3	3	1	2	2	2	4	5	4	6	7	6	4	5	4	
26	6	8	7	4	2	2	5	6	9	6	5	5	6	6	6	3	5	8	6	4	2	3	3	3	5	
27	3	3	7	2	1	1	3	8	10	7	6	6	8	5	8	8	11	10	8	9	7	5	4	4	6	
28	4	3	2	2	0	0	0	2	1	1	1	1	2	2	2	2	3	2	2	4	13	12	11	16	4	
29	9	5	3	2	0	1	2	2	1	2	3	3	3	4	3	3	4	4	5	7	11	12	7	6	4	
30	5	1	0	0	1	3	6	5	2	2	2	2	1	2	2	2	5	4	6	6	7	8	11	4	4	
MEAN	7	6	5	4	3	3	5	7	5	4	4	4	4	3	3	4	5	5	5	6	8	7	7	8	5.2	

PERCENTAGE OF DATA VALID - 95.1 PERCENTAGE OF DATA INVALID - 4.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	1	2	7	6	4	4	5	5	5	3	6	8	10	6	8	11	11	15	8	7	6
2	6	7	6	6	7	16	25	6	4	3	3	2	3	2	2	2	3	3	2	2	****	1	1	2	5
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	36	32	6	4	4	4	3	******
4	2	2	****	****	****	6	11	11	7	7	7	8	7	2	7	11	-	9	10	7	6	5	5	4	7
5	3	2	1	1	2	3	4	3	5	4	4	3	7	5	6	6	4	5	6	7	4	5	6	5	4
6	2	1	1	2	2	1	1	0	0	1	1	****	1	****	****	****	****	****	****	****	1	1	1	1	1
7	1	1	0	1	0	1	1	2	2	1	1	1	****	1	1	0	1	1	1	0	0	0	1	0	1
8	0	1	0	1	3	6	3	3	7	6	6	5	4	5	6	5	5	6	5	10	12	10	7	4	5
9	3	5	5	7	10	14	17	12	7	9	7	5	4	3	3	4	4	4	4	****	****	11	35	22	9
10	15	9	8	11	21	28	28	21	13	10	7	8	5	3	1	1	3	****	****	5	3	4	11	16	11
11	****	****	****	****	****	****	4	4	3	2	3	2	1	****	1	1	1	1	1	1	1	2	3	****	2
12	****	****	****	****	****	****	****	****	8	9	5	3	2	6	5	2	2	2	4	****	****	2	2	1	******
13	2	0	0	0	0	0	0	0	0	0	2	2	2	3	3	3	2	2	3	-	****	****	****	****	1
14	****	****	****	****	****	****	****	****	****	****	****	4	2	2	2	3	4	6	13	12	12	8	7	5	******
15	2	2	2	2	4	12	18	15	12	6	7	6	8	8	7	9	7	7	6	11	10	7	4	2	7
16	1	1	0	0	1	4	10	10	5	****	5	5	5	4	3	7	5	5	7	9	11	11	6	5	5
17	-	3	3	****	10	22	17	14	11	2	2	1	3	2	5	3	2	1	1	2	3	3	1	1	5
18	0	2	5	5	2	6	5	4	2	1	1	1	1	1	1	1	1	1	1	2	4	3	5	4	2
19	4	4	4	2	2	1	1	0	0	0	0	0	1	1	1	1	1	1	2	4	1	1	1	2	1
20	3	4	1	3	0	1	1	0	3	3	3	2	1	1	1	0	0	0	1	2	7	10	13	14	3
21	****	6	6	6	8	6	1	1	1	1	1	1	1	1	2	1	3	4	4	2	3	4	4	1	3
22	1	1	0	0	1	9	8	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	5	6	3	0	1
25	0	0	0	0	-	****	4	4	2	2	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2
26	0	0	0	0	0	1	2	1	1	1	1	0	2	2	3	3	3	4	5	5	4	3	5	6	2
27	5	4	3	2	2	2	2	2	2	2	2	4	2	2	2	1	0	0	1	3	3	5	5	5	3
28	2	2	3	6	10	22	24	17	7	4	6	5	2	****	11	11	9	8	14	15	13	16	11	13	10
29	13	17	9	8	11	32	26	16	18	10	14	11	11	8	8	8	6	6	3	6	9	7	7	14	12
30	7	10	8	5	8	22	14	8	6	8	9	10	5	5	4	8	7	6	7	10	15	23	24	28	11
31	31	23	15	19	29	45	53	27	10	2	1	1	1	1	1	1	1	1	2	3	6	10	17	10	13
MEAN	4	4	3	3	5	10	10	7	5	4	4	3	3	3	3	4	3	4	5	5	6	6	7	6	4.9

PERCENTAGE OF DATA VALID - 89.7 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	5	3	2	3	3	2	2	2	2	****	-	-	1	1	2	1	2	4	5	13	18	21	5
2	24	24	13	7	3	3	4	5	5	6	5	5	4	4	5	6	5	5	5	7	9	13	16	16	8
3	9	7	5	2	2	2	4	4	4	4	4	4	3	3	3	4	3	3	4	8	14	16	10	7	5
4	7	7	9	5	5	9	13	17	12	9	7	8	5	3	5	8	5	7	7	10	14	9	5	7	8
5	8	2	3	3	3	8	16	9	6	11	9	-	6	7	7	8	7	7	7	9	8	8	5	3	7
6	2	2	1	1	1	3	2	1	1	1	0	0	0	****	****	1	1	1	1	1	1	2	1	1	1
7	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	2	3	3	3	3	7	12	7	4	3
8	3	2	2	2	2	3	8	9	7	5	6	6	6	4	4	6	5	6	8	11	11	8	7	5	6
9	6	6	9	10	7	9	8	3	2	2	2	2	2	4	4	3	2	2	2	2	2	2	2	3	4
10	4	3	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	2	6	5	6	5	4	2	3
11	3	2	2	2	2	4	6	6	6	4	4	4	4	5	5	7	7	-	-	7	9	12	16	7	6
12	3	3	2	1	3	7	12	9	6	5	5	5	5	0	5	6	4	6	****	7	10	9	7	5	5
13	4	3	2	2	3	8	14	11	6	4	5	4	4	2	4	5	5	5	7	7	13	21	26	23	8
14	19	19	23	23	****	19	****	****	6	4	4	4	4	3	4	5	5	5	6	7	11	9	8	6	9
15	7	6	4	3	4	9	13	13	10	9	****	****	3	7	6	7	7	6	7	7	7	6	6	5	7
16	5	4	3	3	3	4	5	5	5	5	5	5	5	5	5	5	4	4	5	7	7	6	10	11	5
17	13	10	8	8	6	4	3	2	3	4	4	4	6	4	3	3	3	3	5	9	6	6	4	2	5
18	2	2	1	1	1	2	3	3	3	2	****	2	2	4	6	5	4	4	3	4	10	21	21	9	5
19	5	4	2	1	3	8	8	3	1	1	0	0	0	0	0	1	0	0	0	1	2	2	2	3	2
20	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	7	7	2	2
21	3	2	2	1	1	2	4	7	5	5	6	4	4	3	3	3	3	2	2	2	3	4	6	5	3
22	4	4	2	2	2	5	10	10	11	11	8	7	6	6	6	6	-	4	5	5	4	3	3	2	5
23	2	1	1	0	0	1	1	2	3	4	4	5	6	5	5	7	6	7	6	5	5	3	4	4	4
24	4	2	****	1	0	0	1	****	2	2	2	3	2	3	3	3	3	4	4	5	7	10	7	3	3
25	3	1	1	1	1	6	9	4	2	0	0	0	0	1	3	4	-	7	4	7	12	12	30	38	6
26	34	25	17	15	20	23	22	8	4	3	2	1	4	4	****	1	1	6	5	3	3	7	5	3	9
27	3	3	3	3	2	4	9	10	9	9	6	5	5	6	0	10	8	8	7	7	6	8	8	7	6
28	6	4	4	4	4	5	8	6	10	8	4	3	2	1	1	2	2	2	2	6	4	4	3	6	4
29	5	7	5	3	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	2
30	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	-	1	2	2	2	2	2	1	1	1
MEAN	7	6	5	4	3	5	7	6	5	4	4	3	3	3	3	4	4	4	4	5	7	8	8	7	5.0

PERCENTAGE OF OATA VALIO - 96.9 PERCENTAGE OF OATA INVALIO - 1.8 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

5TATION - C NO 33003 LAWRENCE/KENNEOY 5CARBOROUGH MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	1	1	2	3	3	2	1	2	2	3	3	3	4	5	3	5	4	4	2
2	5	6	6	5	4	4	2	2	2	2	2	2	2	3	2	2	2	3	4	5	5	5	3	3	3
3	2	1	1	1	2	7	13	8	4	4	****	4	4	4	4	7	6	5	6	8	7	8	8	5	5
4	3	3	2	1	4	10	12	9	6	5	5	3	5	5	6	6	5	4	5	4	5	5	4	1	5
5	3	1	1	0	2	5	11	10	6	6	6	****	5	5	7	8	7	6	7	8	9	10	7	6	6
6	4	4	3	3	5	13	17	13	8	6	6	6	6	6	7	6	8	8	9	10	10	7	9	7	8
7	6	6	5	4	6	10	11	9	9	8	8	6	6	5	5	5	4	4	****	****	****	****	11	14	7
8	12	13	12	11	9	9	6	7	5	4	4	****	4	3	****	3	3	****	****	****	****	****	****	****	******
9												-	OATA INVALIO -												
10	****	****	****	****	****	****	****	****	****	****	****	-	****	****	2	3	3	3	3	8	7	6	8	9	******
11	8	4	4	4	5	13	18	11	6	7	8	7	5	5	5	6	11	11	10	12	12	13	18	21	9
12	22	24	22	17	15	21	21	14	10	8	6	6	4	****	6	6	6	8	10	10	10	13	16	15	13
13	16	14	12	12	10	12	14	9	5	2	2	3	3	3	3	3	3	2	3	3	5	6	12	12	7
14	19	20	16	16	9	7	6	3	3	3	3	5	4	5	5	5	5	3	3	3	3	6	6	6	7
15	7	9	10	7	5	4	3	4	4	4	4	6	4	4	4	4	4	4	8	11	17	15	9	7	7
16	7	8	7	8	10	16	27	12	7	6	4	6	7	8	6	5	6	7	7	8	7	6	6	3	8
17	1	1	1	1	1	3	6	-	4	3	2	2	1	2	2	6	9	8	8	7	7	6	5	4	4
18	2	2	2	2	4	8	11	8	4	2	2	2	3	2	4	6	5	4	6	6	10	12	10	5	5
19	3	4	4	5	8	20	27	17	12	5	6	6	6	5	5	6	4	6	7	12	12	12	15	17	9
20	17	15	11	10	13	24	33	17	12	11	11	8	7	4	4	4	4	4	5	3	11	12	26	23	12
21	****	15	16	15	17	16	7	5	4	3	2	2	2	2	3	5	5	4	5	8	10	12	16	16	8
22	14	15	15	13	8	5	-	5	4	4	4	3	3	3	3	3	3	3	4	6	10	13	12	8	7
23	****	7	5	5	7	7	7	6	7	6	5	5	3	3	3	2	2	2	2	2	4	5	6	4	5
24	5	6	5	4	4	7	8	7	7	8	8	6	6	2	4	4	4	4	4	4	5	4	5	5	5
25	3	3	2	1	2	5	7	5	4	4	4	4	2	3	4	4	3	****	7	7	8	4	5	5	4
26	4	4	3	3	****	****	****	9	8	6	6	5	5	1	6	6	5	5	5	5	5	5	6	3	5
27	3	2	2	1	2	7	11	9	6	3	5	6	4	-	2	4	5	4	5	11	8	8	9	5	5
28	5	5	4	4	5	5	6	5	3	4	5	6	6	5	4	4	5	5	5	7	7	8	6	7	5
29	7	6	5	4	4	4	3	2	2	2	2	3	3	2	2	2	2	4	5	8	10	15	10	7	5
30	4	4	3	3	3	7	9	5	3	1	1	2	2	1	1	0	-	1	1	2	1	1	2	3	3
31	2	2	2	2	4	6	8	10	10	7	6	7	5	3	4	6	10	13	16	14	11	12	11	8	7
MEAN	7	7	6	6	6	9	11	8	6	5	5	5	4	4	4	4	5	5	6	7	8	8	9	8	6.3

PERCENTAGE OF OATA VALIO - 91.4 PERCENTAGE OF OATA INVALIO - 7.9 PERCENTAGE OF OATA UNAVAILABLE - 0.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	5	4	4	4	6	9	7	6	5	4	2	2	2	2	2	2	2	2	3	4	4	5	4	4
2	5	5	5	5	5	5	6	9	9	8	8	10	9	8	8	7	7	6	6	8	8	8	12	10	7
3	10	10	10	9	12	18	17	11	7	8	4	7	7	6	7	5	5	5	5	12	16	12	12	16	10
4	13	10	8	9	8	8	8	8	8	7	6	5	5	5	4	4	4	4	5	10	12	9	9	10	7
5	12	9	5	2	3	4	6	5	4	4	3	3	4	2	4	2	3	3	3	6	7	8	5	3	5
6	3	2	2	2	2	2	1	1	1	1	1	0	0	0	1	2	2	2	3	3	6	6	11	10	3
7	5	1	2	2	4	4	7	7	5	5	5	5	****	****	4	6	7	7	8	7	6	5	4	2	5
8	3	2	2	2	2	6	12	13	11	7	6	6	5	6	4	5	8	6	6	5	7	7	8	5	6
9	4	2	2	2	3	2	5	3	1	0	0	0	****	****	1	1	1	1	1	2	2	1	2	2	2
10	1	2	3	3	2	1	2	2	4	9	8	2	****	4	4	6	6	6	7	8	8	7	6	6	5
11	4	3	1	0	0	0	1	1	1	1	1	1	3	3	4	2	1	2	4	6	6	5	4	3	2
12	2	2	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	11	12	18	18	3
13	17	19	14	9	12	18	20	21	14	7	5	4	4	3	3	4	4	5	5	4	3	3	3	1	8
14	1	1	1	0	1	3	9	9	5	4	3	3	3	2	2	4	4	4	-	3	3	3	2	1	3
15	1	0	0	0	0	2	5	6	6	5	5	4	4	4	4	5	6	5	6	7	7	7	7	7	4
16	6	3	2	1	3	9	20	11	4	1	3	4	3	0	3	7	8	9	5	5	17	18	24	19	8
17	12	7	8	8	9	21	28	31	19	17	11	10	8	7	6	7	8	7	8	9	8	6	6	8	11
18	6	6	4	1	0	0	0	0	1	1	1	2	2	2	3	5	8	8	9	9	9	13	17	21	5
19	22	19	10	5	3	1	2	1	1	2	2	1	1	1	1	2	3	3	7	11	13	15	9	6	6
20	4	2	2	1	1	8	13	12	6	3	3	2	0	2	6	6	4	1	1	2	5	15	21	18	6
21	16	15	15	13	13	17	20	16	8	7	6	6	7	4	5	3	3	6	9	13	25	34	17	8	12
22	6	4	3	3	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2
23	1	1	1	1	1	2	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	7	6	5	4	4	6	9	8	5	5	4	4	4	3	4	4	4	4	5	6	8	9	9	8	5.6

PERCENTAGE OF DATA VALID - 71.4 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 28.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	17	15	14	12	10	10	11	7	******
7	5	3	3	3	5	10	13	11	7	4	5	8	9	13	18	15	16	16	18	15	13	11	11	8	10
8	6	3	1	1	1	3	6	6	5	5	5	6	7	5	6	6	9	11	15	21	16	11	10	13	7
9	13	18	12	9	7	8	11	14	6	5	8	7	7	8	6	5	6	7	10	11	11	13	11	13	9
10	16	12	10	13	12	17	23	20	13	10	12	14	19	27	11	14	15	11	7	7	6	7	12	7	13
11	4	4	4	7	8	17	28	17	7	4	4	7	7	7	6	-	12	13	16	22	17	24	30	20	12
12	14	9	7	3	2	2	4	4	2	2	2	2	2	1	1	1	2	2	2	2	2	2	3	4	3
13	6	4	2	2	2	3	10	7	9	7	6	6	6	6	8	10	9	11	15	11	8	6	6	6	7
14	2	2	2	2	2	2	4	14	13	11	8	10	7	9	10	10	10	10	11	12	11	7	7	6	8
15	6	5	5	4	4	6	8	8	6	7	7	7	8	8	7	7	7	8	11	11	11	12	16	15	8
16	17	14	9	8	6	6	9	9	8	8	8	9	8	6	6	6	6	11	17	17	15	17	15	11	10
17	8	6	4	6	10	18	29	26	23	21	16	11	10	10	8	10	10	10	15	16	12	10	12	10	13
18	7	3	4	6	6	9	16	18	16	15	12	10	10	8	8	10	9	8	9	-	7	5	5	3	9
19	2	2	1	1	2	9	18	15	10	8	8	8	8	7	10	10	13	-	15	12	13	16	19	22	10
20	20	19	23	21	22	33	51	60	27	-	11	8	7	6	8	10	11	13	14	14	13	13	17	16	19
21	12	8	6	6	6	12	18	25	16	16	13	12	11	12	14	16	12	12	16	19	-	11	10	8	13
22	9	7	5	5	4	6	6	5	4	3	3	4	5	7	8	7	9	10	11	11	10	9	5	4	7
23	5	6	5	5	6	7	8	5	2	2	1	1	1	2	2	2	2	2	9	9	21	41	44	42	10
24	29	22	21	18	15	22	35	23	8	4	2	2	2	2	3	4	3	4	4	6	6	6	14	17	11
25	28	31	24	28	17	22	34	38	26	17	14	16	-	-	5	6	9	7	10	11	10	12	17	16	18
26	11	4	2	1	2	7	20	23	14	9	8	6	6	5	6	7	8	10	9	15	21	25	33	34	12
27	26	25	22	21	17	23	43	30	17	17	13	10	9	28	-	-	-	-	-	-	-	-	-	-	******
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
MEAN	12	10	8	8	7	12	19	18	11	9	8	8	7	9	8	9	9	10	12	13	12	13	15	13	10.8

PERCENTAGE OF DATA VALID - 68.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 31.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	4	3	2	2	1	2	2	2	4	9	10	9	8	6	******
2	3	2	2	2	2	3	6	8	5	4	3	1	1	1	1	1	1	1	1	2	2	1	1	1	2
3	0	0	0	1	1	1	1	1	1	3	6	4	6	8	12	13	12	7	6	3	4	5	7	4	4
4	1	1	1	1	2	5	16	20	9	5	3	4	5	4	3	10	15	9	8	10	14	16	15	14	8
5	21	12	4	4	4	5	12	17	14	14	12	10	9	12	14	16	21	22	13	9	5	4	3	4	11
6	2	2	1	1	1	2	2	4	4	6	6	5	5	3	3	2	3	3	1	3	3	3	2	3	3
7	3	3	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	2	2
8	2	-	1	1	1	2	2	2	2	2	2	2	3	4	4	5	6	3	4	3	2	1	1	-	3
9	1	1	-	1	1	2	3	8	5	6	-	-	6	-	7	8	9	10	15	15	13	12	16	19	8
10	18	13	-	7	5	-	24	33	8	2	1	2	1	1	1	1	1	3	13	7	7	3	4	8	7
11	10	8	6	7	8	15	28	31	19	15	9	4	2	2	-	1	2	1	2	5	16	9	2	2	9
12	1	1	1	0	1	1	4	12	9	7	-	-	-	-	6	9	13	14	17	13	6	7	6	4	7
13	3	2	1	1	1	2	4	4	5	5	7	6	7	8	7	6	7	8	8	8	6	5	8	9	5
14	7	6	7	3	1	3	4	4	4	3	3	4	6	5	4	4	5	5	7	7	6	7	6	3	5
15	2	2	2	2	2	5	11	-	11	-	13	14	11	8	3	7	8	6	6	5	6	4	5	2	6
16	1	1	1	-	-	2	4	5	3	1	1	-	-	0	1	1	1	1	2	2	3	9	8	6	3
17	5	4	6	8	9	13	13	-	-	11	12	13	25	41	48	51	47	47	43	45	54	56	50	40	29
18	36	5	1	1	2	12	18	10	1	1	1	1	1	1	1	1	2	2	4	8	7	14	13	7	6
19	3	2	1	1	1	1	1	2	1	1	2	2	2	2	2	-	-	10	7	6	4	5	5	5	3
20	5	4	3	2	3	5	6	7	7	8	5	4	4	4	4	4	5	4	4	4	4	3	3	3	4
21	4	3	2	1	1	2	1	2	2	3	3	3	3	3	4	3	4	5	4	4	6	8	9	7	4
22	2	1	1	2	2	4	8	13	7	6	3	3	2	-	3	4	7	6	3	3	11	12	3	1	5
23	1	1	1	1	2	2	4	4	4	4	4	5	5	4	3	5	6	6	4	7	5	4	3	2	4
24	2	2	2	1	1	1	4	5	4	4	4	6	4	3	4	5	7	5	4	2	4	-	3	2	3
25	1	1	1	1	1	7	8	12	5	4	4	4	5	4	6	10	10	8	7	6	6	5	5	2	5
26	2	1	1	1	2	3	12	13	9	6	8	7	4	-	5	8	9	6	5	5	5	4	5	4	5
27	4	4	2	-	-	3	5	4	3	-	2	-	2	2	-	-	-	-	-	-	-	-	-	-	******
28	-	-	-	-	-	-	-	4	4	3	2	3	2	3	3	4	4	3	4	3	3	3	2	2	3
29	1	-	-	-	-	-	5	16	15	11	10	9	10	7	7	12	11	6	6	5	5	3	2	2	8
30	-	-	2	-	1	2	1	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	******
31	-	-	-	-	-	-	-	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	5	6	2
MEAN	5	3	2	2	2	4	7	9	6	5	5	5	5	5	6	7	8	7	7	7	8	8	7	6	5.7

PERCENTAGE OF DATA VALID - 88.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	2	1	1	-	1	2	4	3	2	-	-	3	4	4	4	5	22	46	28	6	4	4	4	7
2	3	2	2	2	2	2	5	11	15	10	6	5	5	6	7	9	11	15	18	19	18	12	8	8	8
3	9	11	13	13	12	11	13	19	18	14	8	8	9	8	7	8	9	11	6	9	10	7	6	-	10
4	6	7	5	3	2	2	2	3	2	2	2	2	4	3	4	4	6	8	10	16	25	22	14	18	7
5	22	22	33	27	26	32	30	32	22	3	3	3	2	1	1	2	3	3	3	3	3	4	17	29	14
6	31	28	26	23	22	15	13	14	16	15	9	7	8	8	7	6	10	6	8	13	13	16	18	14	14
7	9	4	2	1	1	1	3	10	13	8	7	5	4	6	7	8	9	9	9	7	6	4	2	5	6
8	7	6	4	2	1	-	-	6	5	3	4	4	6	8	6	7	7	10	10	15	10	11	12	13	7
9	13	14	15	11	15	24	46	57	68	36	10	-	4	-	-	-	4	6	5	-	2	-	1	2	19
10	7	13	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11	-	-	-	-	-	-	-	1	2	1	-	-	-	6	5	-	5	-	-	-	-	15	11	15	******
12	11	4	1	-	1	-	-	-	11	6	2	-	-	6	-	5	-	-	-	34	-	-	33	-	******
13	-	-	7	2	-	-	-	13	19	-	-	-	4	4	7	10	15	26	35	22	18	13	8	9	13
14	7	3	3	2	2	2	9	19	20	16	11	8	9	8	4	10	17	16	14	13	8	9	15	16	10
15	15	10	12	11	6	6	9	16	13	10	9	5	5	6	-	11	14	16	15	15	10	7	4	3	10
16	2	1	-	-	-	-	6	17	19	9	6	6	6	-	6	6	8	10	8	8	5	5	4	5	7
17	4	2	2	2	2	2	2	3	4	5	7	7	6	7	7	7	9	14	15	20	29	35	41	63	12
18	55	60	75	42	31	22	16	13	19	6	2	1	1	2	1	1	1	2	-	-	-	-	-	2	19
19	-	-	-	-	-	-	1	2	2	1	1	1	1	1	1	2	2	2	2	3	3	2	3	2	2
20	3	3	3	2	3	4	21	22	20	12	7	5	4	2	6	5	9	11	7	10	6	6	4	5	8
21	2	2	1	1	-	1	2	5	4	-	1	1	1	1	1	1	1	-	1	1	1	1	2	1	2
22	1	1	1	1	2	4	11	18	22	9	8	10	14	10	10	9	9	9	8	5	5	5	5	6	8
23	-	3	3	2	2	3	3	4	3	3	6	9	8	5	8	13	9	14	29	22	15	15	22	23	10
24	24	32	29	11	2	1	2	4	4	4	5	6	6	6	6	8	13	20	18	18	16	-	14	18	12
25	19	25	30	29	22	15	14	10	7	4	2	2	2	2	1	1	1	1	2	2	1	1	1	1	8
26	1	1	1	1	1	1	1	3	3	2	2	3	6	4	4	4	4	3	3	2	2	2	2	2	2
27	2	1	1	1	1	1	2	5	7	6	5	4	2	3	-	6	11	11	11	10	14	10	6	7	6
28	6	4	-	-	-	-	5	8	6	4	3	2	4	3	2	-	6	5	4	4	4	4	3	3	4
29	2	2	2	-	-	-	3	9	12	7	4	4	4	4	4	4	-	-	5	5	4	3	3	2	4
30	2	2	2	-	-	-	2	4	5	5	3	4	3	4	3	4	7	8	7	7	6	7	7	7	5
MEAN	10	10	11	9	8	8	9	12	12	8	5	5	5	5	5	6	8	10	12	12	9	9	10	10	8.6

PERCENTAGE OF DATA VALID - 85.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 14.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	4	3	2	2	4	8	5	3	5	5	4	3	4	-	2	2	3	3	2	2	2	1	4
2	1	1	1	1	1	1	1	1	1	3	3	5	5	4	4	5	7	10	14	11	10	13	17	18	6
3	8	5	4	3	3	3	6	10	11	8	7	5	5	7	5	4	-	6	5	6	6	4	2	2	5
4	2	2	2	2	2	2	4	9	11	11	8	6	5	3	5	6	11	9	7	7	7	7	7	6	6
5	6	5	3	3	2	2	2	6	10	6	4	4	3	5	4	4	5	5	5	5	4	5	3	4	4
6	4	3	2	2	2	3	6	15	20	15	8	8	10	14	12	12	11	14	12	8	7	8	6	8	9
7	6	5	4	4	2	3	7	15	16	7	3	4	5	4	-	7	9	9	7	6	6	7	4	4	6
8	4	2	1	1	1	0	1	1	1	3	5	4	5	5	5	6	7	7	-	7	5	3	3	5	4
9	6	6	5	3	1	1	1	2	3	4	3	4	4	3	3	7	7	6	5	5	7	6	4	4	4
10	3	3	3	2	4	6	14	28	20	10	-	1	1	1	1	1	1	1	1	1	2	4	7	5	5
11	4	3	3	3	3	2	3	7	8	6	8	9	8	7	4	7	8	8	12	16	9	7	7	6	7
12	5	3	2	1	1	1	4	8	10	7	6	6	5	4	6	6	10	9	7	7	6	4	2	1	5
13	1	0	0	0	0	0	1	3	4	3	2	2	1	3	3	3	3	5	7	12	18	29	14	4	5
14	3	2	2	2	2	4	6	9	14	10	5	3	4	-	5	6	8	8	7	8	9	6	5	5	6
15	8	8	7	7	5	10	6	7	4	4	4	5	5	4	4	5	6	7	7	8	8	7	8	7	6
16	6	5	5	5	5	4	4	5	4	4	5	6	6	8	10	6	5	2	2	1	1	1	1	1	4
17	1	0	0	0	0	1	5	14	25	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	******
18	-	-	-	-	-	-	-	-	-	-	-	-	-	9	7	5	6	5	6	6	5	4	5	5	******
19	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	3	4	3	3	2	2	2	2	2
20	2	2	2	1	2	2	2	4	4	4	4	5	6	6	6	3	7	14	15	20	32	46	32	12	10
21	7	4	2	1	1	3	5	9	10	7	7	2	2	2	2	3	3	3	5	8	6	7	7	5	5
22	4	3	3	3	2	2	2	3	5	6	7	9	10	10	11	13	15	12	14	13	12	8	7	6	8
23	4	4	4	4	3	3	4	2	2	3	4	5	7	10	11	13	11	8	9	9	14	13	14	20	8
24	25	30	30	22	13	6	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6
25	2	1	2	2	1	1	1	0	0	1	1	1	1	1	1	2	1	1	1	1	3	3	3	2	1
26	2	1	1	1	0	0	1	1	1	1	2	3	3	4	4	4	4	3	3	3	3	3	4	6	2
27	3	2	1	1	1	1	2	6	6	6	6	5	5	4	6	7	9	9	7	6	5	5	4	4	5
28	1	1	1	0	0	1	2	4	5	7	4	3	3	2	4	6	9	8	6	9	12	12	13	10	5
29	5	4	4	3	2	3	3	4	5	5	4	4	4	5	5	6	7	7	7	7	7	6	4	3	5
30	3	3	3	2	2	2	3	2	1	1	2	4	3	3	4	5	6	8	7	10	11	5	4	9	4
31	7	7	11	10	9	19	22	26	30	26	14	7	11	10	11	11	14	23	26	26	29	31	35	-	18
MEAN	5	4	4	3	2	3	4	7	8	6	5	4	5	5	5	6	7	7	7	8	8	9	8	6	5.7

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	17	6.0	19	48
FEB	27	7.4	21	46
MAR	23	7.6	20	100
APR	30	5.2	15	45
MAY	28	4.9	13	53
JUN	30	5.0	9	38
JUL	28	6.3	13	33
AUG	22	5.6	12	34
SEP	20	10.8	19	60
OCT	28	5.7	29	56
NOV	27	8.6	19	75
DEC	29	5.7	18	46
YEAR	309	6.4	29	100

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	243	105	42	8	6	1	0	405
FEB	316	179	117	19	6	3	0	640
MAR	299	156	69	14	2	6	8	554
APR	458	152	55	13	2	5	0	685
MAY	463	125	55	17	5	1	1	667
JUN	472	172	38	14	2	0	0	698
JUL	369	211	88	11	1	0	0	680
AUG	319	145	57	8	2	0	0	531
SEP	112	184	149	38	7	4	2	496
OCT	444	133	63	6	4	7	3	660
NOV	297	157	107	33	11	4	6	615
DEC	441	189	61	15	4	1	0	711
YEAR	4233	1908	901	196	52	32	20	7342

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
83.8	0	0.4	2.1	4.2	6.7	13.2	18.0	27.1	33.8	100	6.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD, NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	3	3	4	4	4	3	3	2	1	1	2	4	4	3	2	2	2	2	2	2	2	3
2	1	0	1	0	0	0	1	3	3	3	1	1	1	2	2	3	5	7	7	5	-	-	-	1	2
3	1	1	1	1	2	3	3	3	4	3	2	2	2	****	****	3	3	4	3	4	2	2	3	3	3
4	1	1	1	1	1	2	2	2	3	3	2	2	3	1	1	1	3	3	2	2	2	2	2	2	2
5	1	1	1	1	1	1	3	4	6	5	****	2	2	2	2	3	5	4	5	5	5	7	****	6	3
6	6	7	8	8	6	5	5	7	6	7	5	4	5	6	5	4	3	5	10	9	6	6	3	4	6
7	4	4	4	4	4	4	6	6	9	8	9	5	6	6	7	10	11	8	7	5	4	4	4	4	6
8	3	3	3	2	3	4	11	19	15	9	7	4	2	****	****	3	4	4	4	4	5	4	4	4	6
9	4	3	3	4	3	3	3	4	6	4	4	4	4	4	4	5	5	7	6	6	6	7	8	7	5
10	7	6	6	6	4	4	5	6	9	8	4	4	3	****	3	3	5	5	9	7	9	7	****	3	6
11	3	4	4	4	5	6	9	19	35	48	23	8	5	4	3	3	5	7	14	-	-	25	32	38	14
12	39	33	29	25	21	18	20	20	15	****	2	3	4	2	2	3	3	5	-	-	22	30	39	40	18
13	30	14	7	6	5	4	3	3	5	4	4	4	4	4	3	4	4	4	3	3	3	5	4	3	6
14	4	4	6	6	5	5	5	4	5	2	1	0	1	1	1	1	1	1	2	4	3	2	1	2	3
15	1	1	1	1	1	1	1	3	3	3	2	3	4	3	4	4	5	5	4	4	4	4	4	4	3
16	3	4	4	4	4	4	4	7	11	8	6	****	3	2	3	3	4	6	10	15	22	29	30	28	9
17	30	34	30	28	17	5	3	3	3	3	2	3	3	4	9	10	9	15	20	18	5	4	3	3	11
18	2	2	1	1	1	1	1	3	4	2	-	-	2	3	2	3	3	6	5	6	5	6	6	7	3
19	7	9	7	6	6	6	11	22	28	****	8	10	-	13	3	3	6	9	10	9	7	7	6	6	9
20	6	6	5	4	4	4	4	5	7	5	5	5	5	5	6	7	5	7	8	10	9	7	5	6	6
21	5	5	4	4	4	5	4	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3
22	****	****	****	****	****	-	****	****	6	5	3	3	3	2	2	2	3	****	4	3	3	5	5	7	******
23	5	3	****	****	****	****	****	6	8	6	****	3	2	2	4	3	5	5	7	7	3	3	4	4	4
24	4	3	3	3	2	3	5	4	4	-	3	3	3	4	3	3	3	1	2	1	1	1	1	1	3
25	1	1	1	4	3	2	3	6	6	6	4	5	4	4	3	3	5	5	4	3	3	3	3	3	4
26	2	2	1	2	2	2	2	3	4	4	2	****	2	1	1	2	3	3	5	3	3	3	3	3	3
27	3	3	3	2	2	3	3	5	7	6	4	3	4	5	4	4	5	7	8	11	13	10	7	8	5
28	9	10	5	2	2	1	1	2	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	2	2	2	1	0	0	0	2	2	1	2	2	2	2	2	2	1	1
30	2	1	1	1	1	1	1	2	3	2	****	1	0	1	0	1	1	-	2	2	2	3	3	3	2
31	2	2	2	1	1	1	2	4	4	2	2	2	1	1	1	2	2	3	2	1	2	2	2	2	2
MEAN	6	6	5	5	4	4	4	6	7	6	4	3	3	3	3	3	4	5	6	5	5	7	7	7	4.9

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	1	26	8	2	2	3	2	2	2	3	2	2	3
2	2	2	2	2	2	2	2	4	3	2	2	2	1	1	1	1	1	3	6	5	4	6	9	9	3
3	20	21	16	15	16	17	20	25	28	32	17	14	8	7	7	5	6	5	5	8	7	12	15	13	14
4	4	5	5	5	6	5	4	5	5	3	3	2	2	2	2	2	2	3	2	2	2	2	2	1	3
5	1	1	0	1	1	2	2	3	3	2	1	0	0	1	1	2	-	2	3	3	4	2	3	2	2
6	4	2	1	2	3	4	8	20	31	23	13	7	5	12	7	****	5	4	4	4	6	6	8	7	8
7	10	4	4	4	4	6	7	9	7	5	4	3	3	3	3	3	3	3	5	7	4	4	6	6	5
8	4	4	4	3	2	2	3	5	****	5	2	1	2	2	2	2	2	3	3	3	3	3	2	2	3
9	2	2	2	2	2	2	2	4	4	3	3	3	3	****	2	2	3	6	13	19	20	12	7	6	5
10	7	6	6	5	6	6	6	12	20	7	6	3	3	1	2	1	2	1	2	2	2	2	2	3	5
11	3	3	3	2	2	2	2	3	2	2	3	2	3	3	5	6	8	11	17	20	21	24	26	33	9
12	32	30	28	28	29	29	31	37	34	21	15	10	6	3	4	6	7	8	11	6	4	3	3	3	16
13	2	2	2	2	2	2	2	6	4	4	3	2	3	2	2	2	2	3	****	9	3	3	4	4	3
14	6	2	2	2	2	2	4	6	6	7	7	8	6	5	5	5	4	3	4	9	6	5	4	3	5
15	2	1	1	1	1	1	3	6	7	5	3	2	3	2	2	2	3	3	-	2	4	3	2	1	3
16	1	1	1	1	1	1	3	6	6	4	1	1	1	1	1	1	2	3	4	2	1	-	0	1	2
17	1	1	1	1	1	1	1	1	2	1	3	3	2	1	1	2	2	3	4	4	4	6	5	5	2
18	8	11	11	7	7	9	9	6	4	4	3	1	3	3	2	2	2	2	2	2	-	2	3	****	5
19	****	1	****	1	2	3	9	16	22	17	14	8	5	2	2	3	6	5	6	7	7	6	4	5	7
20	5	4	4	3	3	3	3	6	7	6	8	****	10	6	5	6	7	9	9	7	10	9	16	15	7
21	8	6	6	5	5	7	12	16	14	9	7	9	7	6	5	5	4	4	3	3	3	2	2	1	6
22	1	1	1	1	1	1	2	4	3	3	2	2	1	3	5	4	4	5	4	7	8	5	3	3	3
23	3	1	0	0	0	0	1	3	3	2	7	9	9	8	****	11	16	12	9	8	9	6	5	9	6
24	10	13	10	3	4	4	6	8	9	2	1	0	0	0	1	1	1	1	3	3	2	2	2	2	4
25	2	2	2	1	1	1	2	1	1	2	1	1	1	2	2	3	3	3	3	2	3	3	2	3	2
26	2	1	1	2	1	1	2	6	7	4	3	2	3	4	4	5	6	****	4	3	3	3	3	3	3
27	2	2	2	2	1	2	2	5	5	3	2	2	2	2	2	2	2	3	2	3	4	9	8	7	3
28	7	7	9	7	8	9	13	29	31	21	19	11	16	14	11	9	12	17	22	22	27	36	35	27	17
MEAN	6	5	5	4	4	4	6	9	10	7	6	4	4	5	3	4	4	5	6	6	6	7	7	7	5.5

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	7	6	5	4	4	4	6	5	3	3	3	4	4	4	5	5	8	7	6	5	7	6	11	6
2	7	3	2	2	2	2	3	6	8	4	4	7	7	12	10	9	8	-	****	9	9	7	7	7	6
3	3	3	3	3	5	4	3	3	4	4	4	4	5	10	5	3	4	5	7	8	7	6	6	7	5
4	5	4	4	4	3	3	2	3	3	3	3	4	3	5	10	7	7	8	8	12	17	17	21	22	7
5	23	10	6	4	5	4	4	4	4	3	2	2	2	2	2	2	3	4	4	4	4	5	4	6	5
6	9	4	4	3	3	3	7	12	9	8	7	4	3	4	5	5	5	5	4	4	4	4	4	4	5
7	-	****	3	4	4	5	8	19	29	7	2	2	2	3	****	4	4	6	7	11	18	19	18	21	9
8	23	22	21	19	15	12	14	23	15	7	3	2	1	1	1	1	3	4	4	4	4	3	4	4	9
9	13	11	10	10	10	10	15	28	36	29	12	7	4	2	****	3	5	7	7	5	4	4	6	6	11
10	4	5	5	4	4	3	5	3	3	3	2	2	3	3	2	2	4	2	2	2	2	1	1	1	3
11	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1
12	1	1	1	0	0	0	2	2	2	1	0	0	0	****	1	2	2	2	3	2	3	5	-	9	2
13	11	8	3	3	3	3	4	6	5	4	4	5	5	6	7	8	7	6	4	3	4	4	4	4	5
14	3	4	3	3	2	2	3	3	4	3	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2
15	1	1	1	1	1	1	2	3	4	2	1	2	2	2	****	2	2	2	2	3	4	4	4	6	2
16	8	7	4	3	3	-	4	6	5	3	3	3	3	3	3	3	4	5	9	10	11	8	6	6	5
17	8	7	10	13	12	12	14	17	12	8	10	9	5	3	4	4	4	11	9	6	7	6	13	15	9
18	18	18	16	14	14	12	11	10	10	7	5	6	6	6	5	4	3	4	5	9	9	4	5	3	9
19	3	4	5	4	5	5	9	17	5	2	2	3	4	3	3	5	6	7	8	13	20	23	28	29	9
20	32	33	34	31	27	24	24	30	25	13	14	6	3	6	11	11	15	-	****	18	18	****	24	25	20
21	29	26	24	21	19	18	19	25	30	13	6	4	1	2	4	7	6	7	8	16	22	23	30	37	17
22	44	51	54	56	55	50	40	34	19	21	18	17	12	9	13	10	10	9	9	16	20	19	13	21	26
23	19	17	13	8	4	4	7	9	8	6	6	6	5	5	6	9	11	14	12	7	7	5	6	7	8
24	6	6	5	3	3	3	3	6	3	3	4	5	7	9	14	9	3	3	5	10	11	12	11	20	7
25	5	4	4	4	4	3	3	3	3	2	2	2	1	1	1	2	2	3	4	3	3	4	5	4	3
26	2	2	1	1	1	1	1	3	3	3	3	****	1	0	0	0	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	1	2	2	1	0	0	0	0	0	0	1	1	2	1	2	2	4	5	1
28	5	5	4	4	5	4	4	6	7	1	1	1	3	2	2	3	3	2	2	4	6	5	6	5	4
29	5	5	4	4	4	4	8	14	22	10	6	9	4	3	****	4	4	7	7	10	13	17	19	7	8
30	6	4	2	2	2	1	3	5	-	7	6	10	12	14	11	8	9	14	8	9	18	12	8	7	8
31	8	6	4	5	9	4	5	5	6	4	2	2	1	1	1	1	1	1	2	2	1	1	1	1	3
MEAN	11	9	8	8	7	7	8	10	10	6	4	4	4	4	5	4	5	5	5	7	8	8	9	10	6.9

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNIT5 - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	3	3	1	1	1	1	1	2
2	0	0	0	0	0	0	2	4	5	7	8	****	17	7	4	4	7	9	8	4	6	3	3	2	4
3	2	2	1	1	1	1	2	2	2	2	1	0	0	0	0	0	1	1	3	6	4	4	5	8	2
4	11	8	7	5	6	6	9	11	8	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	4
5	5	4	2	2	2	****	2	5	-	-	2	2	2	****	3	3	3	4	5	5	4	3	2	2	3
6	2	2	1	1	0	1	0	2	2	2	2	2	0	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	1
8	3	6	8	7	7	7	4	2	2	2	1	0	1	1	5	4	4	3	2	3	3	3	2	2	3
9	1	1	1	1	1	1	2	3	4	3	****	3	2	2	2	3	4	5	3	5	9	13	14	18	4
10	10	2	1	1	1	1	1	3	2	1	1	0	1	1	1	1	2	2	3	9	14	9	12	13	4
11	14	13	13	11	10	9	11	9	5	2	2	1	2	1	0	2	3	4	5	6	4	4	3	5	6
12	5	6	2	2	3	2	2	2	2	2	****	2	2	2	2	1	2	3	3	3	2	2	2	2	2
13	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	3	5	4	4	4	2	2
14	2	2	2	1	1	4	1	2	2	2	2	3	3	3	3	3	4	5	5	5	6	6	11	11	4
15	12	6	3	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	2
16	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	1	****	2	2	****	2	2	2	1
17	2	1	1	1	1	2	2	3	2	2	1	****	2	-	-	2	2	3	3	3	3	4	3	4	2
18	4	5	4	4	4	4	3	4	3	2	2	****	-	-	2	2	2	2	2	3	3	3	3	3	3
19	4	3	2	3	2	3	5	5	4	2	2	1	2	2	2	2	2	3	3	4	4	5	6	5	3
20	3	4	4	3	3	4	7	13	21	12	9	8	7	5	5	7	8	7	7	12	16	22	22	27	10
21	31	34	39	42	44	45	47	30	8	4	4	4	3	4	10	8	5	5	7	8	11	11	10	9	18
22	10	12	16	13	8	5	4	3	3	2	2	2	2	3	3	3	5	7	8	7	12	13	13	15	7
23	13	10	9	9	9	10	15	17	14	11	7	****	4	4	4	4	4	5	6	10	15	18	18	21	10
24	24	26	27	27	26	22	22	19	23	10	8	5	5	5	5	5	5	7	6	8	8	6	8	11	13
25	11	11	9	5	6	****	6	9	8	7	7	8	7	5	5	6	7	8	9	10	10	8	8	7	8
26	8	14	10	9	5	5	7	7	7	5	5	****	4	4	4	6	8	8	8	6	5	5	4	4	6
27	3	4	6	2	2	2	2	4	3	2	1	2	1	1	2	2	2	2	2	2	1	1	1	1	2
28	1	1	1	1	1	1	1	1	3	3	4	3	4	4	5	3	3	3	3	6	8	9	12	9	4
29	6	3	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	2	2	2	2	5	8	4	2
30	3	2	2	2	2	7	10	4	4	5	****	5	7	4	4	4	4	3	4	4	4	5	5	3	4
MEAN	7	6	6	5	5	5	6	6	5	3	3	2	3	2	3	3	3	4	4	5	6	6	6	7	4.6

PERCENTAGE OF DATA VALIO - 97.4 PERCENTAGE OF OATA INVALIO - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTE5 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATE5 LES5 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	2	****	1	1	1	1	1	2	3	2	3	3	4	7	10	12	10	3
2	9	8	7	7	8	11	15	18	7	5	6	3	1	1	1	3	9	5	5	6	5	7	4	4	6
3	3	3	2	2	2	4	5	4	4	4	****	5	5	7	9	14	22	24	17	8	4	3	3	2	7
4	2	2	2	2	2	3	4	3	3	2	3	2	2	2	2	2	-	3	3	3	3	3	3	3	3
5	3	2	2	2	2	2	2	2	1	1	1	1	3	2	3	3	3	3	5	4	3	3	3	3	2
6	4	4	3	3	3	3	2	3	2	3	3	3	2	2	3	4	3	3	3	3	3	3	3	2	3
7	2	2	2	2	2	3	3	3	3	****	2	2	2	2	2	3	3	4	4	5	5	4	3	3	3
8	3	3	3	3	4	6	13	16	16	11	10	9	7	7	7	8	8	8	12	12	19	15	11	9	9
9	10	9	10	12	9	9	17	17	11	10	8	8	8	8	9	9	9	9	8	8	10	7	7	9	10
10	11	11	9	8	9	11	15	28	16	****	8	7	7	6	7	9	8	8	11	14	8	7	10	12	10
11	16	7	6	6	2	4	10	12	9	7	4	4	4	4	7	9	10	4	8	6	7	8	8	8	7
12	11	10	10	12	8	6	6	6	5	4	4	4	5	4	4	2	2	3	2	2	2	1	1	1	5
13	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	2	3	3	5	9	11	14	15	3
14	11	10	7	4	4	3	7	8	6	5	****	3	2	2	2	2	3	3	4	4	9	9	11	10	6
15	5	3	3	3	3	4	6	6	6	4	6	6	5	6	6	5	5	4	5	6	6	4	4	1	5
16	1	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0	1	1	1	2	9	11	13	11	3
17	-	10	9	****	8	13	18	12	11	4	2	1	1	1	2	1	2	2	6	5	5	6	10	5	6
18	5	4	4	5	7	9	15	10	6	9	8	4	3	3	2	2	5	8	5	4	5	9	11	10	6
19	11	8	9	7	6	6	5	4	5	4	6	3	2	2	2	3	4	4	4	5	4	5	6	8	5
20	8	8	5	4	5	4	3	3	2	2	2	2	3	1	2	2	2	3	2	3	6	9	10	10	4
21	****	11	5	5	5	5	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	1	1	3	5	5	****	****	3	1	1	1	1	1	1	2	5	4	5	5	****	2	
23	2	1	2	2	2	3	5	9	5	4	2	2	4	3	4	3	4	3	4	4	4	4	4	5	4
24	5	4	2	2	2	3	6	5	4	3	2	2	1	1	2	2	2	3	4	3	5	10	6	2	3
25	1	0	0	0	-	****	4	6	****	4	5	3	4	3	3	3	3	3	4	3	2	2	3	2	3
26	2	1	2	1	1	1	2	2	4	4	4	6	5	3	1	2	4	4	5	5	3	4	3	4	3
27	4	2	3	2	2	1	1	1	1	1	1	1	1	2	1	2	3	2	3	3	6	6	6	4	2
28	2	3	2	2	4	8	12	8	6	4	****	3	3	3	4	5	4	4	5	6	5	8	7	8	5
29	7	8	10	10	7	9	16	15	13	17	11	10	9	7	6	4	3	3	4	4	5	7	7	9	8
30	11	9	7	5	5	6	8	11	10	9	6	4	2	2	3	3	3	4	3	4	8	13	12	13	7
31	14	14	17	18	20	24	31	33	****	6	4	3	2	3	3	4	4	3	7	6	8	13	14	14	12
MEAN	6	5	5	4	5	6	8	8	6	5	4	3	3	3	3	4	5	4	5	5	6	7	7	7	5.1

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF OATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	13	14	14	12	13	6	4	2	2	2	****	-	-	1	2	2	5	7	8	11	12	11	13	8
2	15	16	18	18	12	3	2	2	1	1	1	1	1	1	2	2	3	4	3	3	5	6	9	9	6
3	5	8	6	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	3	4	10	11	9	4
4	9	8	8	9	9	8	12	11	9	****	****	5	2	3	2	2	3	3	2	3	5	5	3	4	6
5	4	2	2	2	2	4	6	5	3	3	3	-	2	2	2	1	1	2	2	2	4	4	4	2	3
6	2	2	2	1	1	3	4	3	1	1	****	****	1	0	0	0	0	1	1	1	1	1	2	2	1
7	3	1	2	2	1	3	4	5	4	3	2	1	0	****	****	3	5	4	5	5	5	9	11	7	4
8	5	4	4	4	3	4	7	4	4	3	2	2	2	2	2	2	2	3	4	6	6	5	5	8	4
9	4	4	5	4	4	5	7	7	4	2	1	0	0	0	0	0	0	3	3	2	3	3	3	3	3
10	4	4	5	4	3	3	3	1	1	1	1	0	0	0	0	0	0	1	1	1	4	3	2	2	2
11	2	2	2	2	1	1	1	0	0	0	****	1	1	1	1	2	2	-	-	3	5	10	11	12	3
12	9	8	6	5	3	3	4	3	2	1	1	1	1	1	1	1	3	3	****	3	5	11	11	7	4
13	8	8	6	5	4	5	8	8	4	1	1	1	1	1	1	1	1	1	3	4	7	12	13	15	5
14	18	21	24	25	****	28	****	****	7	4	****	3	2	2	2	2	2	3	5	5	5	7	9	8	9
15	5	5	5	5	5	6	13	11	8	6	****	****	3	3	3	4	4	4	4	4	5	5	5	4	5
16	5	4	4	4	4	4	5	5	3	3	3	2	3	2	2	2	2	4	4	6	6	6	8	9	4
17	10	12	10	9	9	8	7	5	4	4	2	2	2	2	1	1	2	2	4	4	3	3	4	3	5
18	4	4	3	3	3	4	4	3	3	****	****	1	2	3	3	6	6	8	9	9	9	13	16	16	6
19	13	12	10	9	8	10	14	9	4	2	3	1	2	2	2	2	2	2	3	4	6	9	13	13	6
20	14	14	14	14	15	16	14	8	4	4	5	5	4	5	5	6	3	3	3	6	8	7	11	10	8
21	6	5	4	4	4	5	10	13	9	5	3	3	3	2	3	3	3	3	5	7	8	10	7	5	5
22	4	4	4	5	3	5	6	11	9	****	5	3	3	2	2	2	-	2	2	3	3	2	2	2	4
23	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	3	2
24	2	2	****	2	2	2	1	****	1	1	1	1	1	1	1	1	1	1	2	3	4	5	6	7	2
25	5	4	4	4	4	4	9	8	5	1	****	1	1	1	2	2	-	3	2	5	6	12	13	14	5
26	18	20	22	24	25	28	30	28	10	6	3	2	2	2	****	3	3	3	3	6	10	10	14	9	12
27	6	5	7	6	6	6	6	6	9	12	7	6	4	6	7	7	6	6	6	5	4	5	5	6	6
28	8	7	6	5	5	6	7	8	8	5	5	6	****	4	3	3	3	4	4	6	8	7	7	9	6
29	9	8	8	8	6	7	9	10	7	6	6	4	3	3	4	7	6	5	5	6	7	7	7	-	6
30	5	4	4	4	4	4	4	5	4	4	5	5	4	3	3	-	3	6	5	6	6	5	5	5	4
MEAN	7	7	7	7	6	7	7	7	4	3	3	2	2	2	2	2	3	3	4	4	6	7	8	7	4.9

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	4	4	4	3	2	3	3	3	3	3	2	2	2	3	3	4	4	5	5	5	4
2	6	6	7	6	6	6	5	2	2	2	2	2	2	2	2	2	2	2	3	3	5	6	4	4	4
3	4	4	4	4	3	4	5	5	3	3	****	****	****	2	2	2	2	1	2	2	4	5	9	9	4
4	8	7	7	7	7	9	13	16	9	4	2	1	1	1	1	1	1	1	2	2	3	3	3	3	5
5	3	3	2	2	2	3	3	3	1	1	1	****	****	2	2	2	2	2	2	4	4	8	7	5	3
6	5	6	5	4	4	6	15	14	8	2	1	1	1	1	1	2	2	2	2	2	4	6	10	11	5
7	10	11	10	10	10	10	10	11	10	9	6	3	2	2	2	2	2	2	2	3	4	5	5	10	6
8	13	13	13	14	12	12	10	6	4	5	3	3	2	2	2	2	2	2	2	4	8	11	11	10	7
9	9	10	11	12	13	16	22	13	6	5	5	3	****	2	2	2	3	4	4	6	8	9	10	10	8
10	5	4	4	4	4	4	4	4	4	4	4	-	4	3	3	3	4	4	6	7	6	5	9	7	5
11	6	5	5	4	4	4	8	8	6	5	5	5	5	3	3	3	6	5	6	7	5	6	8	9	5
12	9	10	11	12	12	14	17	14	10	****	4	4	2	4	3	3	3	3	3	3	4	5	8	8	7
13	9	10	9	9	11	13	15	15	8	5	4	3	3	2	1	1	1	2	2	3	6	7	9	10	7
14	14	16	17	16	16	15	12	7	4	4	3	3	2	2	2	2	2	2	2	4	5	4	4	5	7
15	5	6	6	7	7	5	4	3	3	3	2	2	2	1	2	3	3	3	3	4	8	10	8	9	5
16	9	9	8	8	8	10	12	12	5	4	****	4	4	3	2	4	3	1	1	2	3	3	3	3	5
17	3	2	2	2	2	4	6	-	4	3	3	2	2	2	1	2	3	4	3	3	3	4	3	3	3
18	3	3	3	2	3	3	5	10	5	3	1	2	2	2	2	2	2	2	3	4	7	8	10	11	4
19	11	8	7	7	8	9	13	18	12	6	5	4	3	3	2	2	2	2	2	3	5	7	8	9	7
20	13	14	14	12	11	12	16	16	12	11	8	7	4	2	2	2	2	2	3	4	6	9	10	11	8
21	****	15	15	13	14	15	16	16	8	5	3	3	2	2	2	2	2	2	2	3	5	8	9	10	7
22	13	13	12	13	11	11	-	6	4	3	2	2	2	2	1	1	2	2	2	3	5	5	8	8	6
23	****	10	10	9	8	8	12	18	16	10	6	3	3	2	2	2	2	2	2	3	4	3	3	3	6
24	5	4	5	4	4	6	6	4	4	7	4	3	3	3	2	3	3	3	3	4	4	4	4	4	4
25	4	4	4	4	4	4	3	3	4	3	3	3	3	3	3	4	4	4	4	4	5	4	6	6	4
26	6	5	5	5	5	4	5	7	4	3	2	2	2	2	3	3	2	2	2	2	2	2	3	3	3
27	3	3	3	3	3	3	6	4	7	3	5	4	2	-	2	4	4	2	3	3	4	7	10	10	4
28	10	10	10	9	8	8	8	7	4	3	2	4	4	2	2	2	2	2	2	3	3	3	3	4	5
29	5	5	5	5	4	4	4	3	2	2	2	2	2	2	2	2	2	3	4	5	7	10	10	12	4
30	13	13	12	11	10	10	13	17	6	4	4	3	3	4	3	5	3	3	3	4	4	4	4	4	7
31	3	3	3	3	4	6	6	8	9	7	5	5	5	6	6	5	5	5	6	7	6	6	7	7	6
MEAN	7	8	8	7	7	8	9	9	6	4	3	3	3	2	2	2	3	3	3	4	5	6	7	7	5.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	4	4	4	4	6	6	4	3	****	3	3	2	3	3	4	3	4	4	5	5	5	4	4
2	4	3	4	4	4	4	4	4	4	3	3	4	3	2	3	3	3	3	3	4	5	5	7	8	4
3	8	8	8	7	7	8	14	12	7	6	4	4	4	3	4	4	5	2	3	4	5	8	7	9	6
4	9	8	7	7	7	7	7	6	5	5	5	4	3	3	3	3	3	4	3	5	8	9	8	10	6
5	14	11	7	6	6	6	6	4	4	2	2	2	2	2	2	2	2	2	2	3	6	7	7	5	5
6	4	3	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	2	2	3	7	9	9	11	3
7	12	11	10	10	10	10	13	8	5	5	4	4	****	****	3	4	4	5	5	4	4	3	3	3	6
8	3	3	3	3	3	3	6	11	11	7	5	4	3	4	4	3	3	3	2	2	4	4	4	6	4
9	7	7	5	5	5	5	8	5	2	3	3	3	2	****	4	4	4	4	5	6	6	4	5	5	5
10	4	4	4	4	3	3	4	5	6	6	5	3	****	2	2	2	2	2	2	2	4	5	5	4	4
11	3	3	3	2	2	2	3	3	2	2	2	1	1	1	1	1	2	2	3	2	3	3	3	3	2
12	3	4	3	3	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	2	7	8	9	11	3
13	13	16	18	18	18	18	22	30	28	8	4	4	2	2	2	3	3	3	3	3	3	3	4	3	10
14	3	3	3	2	3	3	5	6	3	2	2	2	2	1	2	2	2	2	-	2	2	3	3	2	3
15	2	2	2	2	2	2	3	3	3	0	0	0	36	1	1	2	2	2	3	3	5	7	8	11	4
16	10	9	7	7	6	7	12	17	7	2	****	2	3	3	5	4	4	5	7	7	11	13	16	18	8
17	19	16	15	14	12	14	19	25	24	19	14	11	8	7	7	7	8	8	7	10	9	7	8	6	12
18	5	7	7	6	5	5	4	4	5	5	5	6	6	5	6	7	7	9	13	16	18	16	14	14	8
19	13	15	15	14	12	6	4	3	2	2	2	1	1	1	2	2	3	3	3	3	8	8	12	11	6
20	10	10	10	9	8	9	11	13	12	8	6	3	-	-	3	3	3	3	4	4	8	10	13	15	8
21	16	17	17	16	16	17	24	29	15	7	6	7	-	-	4	3	3	3	3	8	14	16	20	26	13
22	26	22	15	11	6	4	5	4	2	2	4	4	2	1	1	1	1	1	2	2	2	3	4	4	5
23	3	4	4	4	3	4	5	6	5	4	-	7	4	5	5	5	5	4	6	7	9	7	9	7	5
24	5	4	3	2	2	3	6	4	6	5	3	3	3	2	2	2	2	3	4	4	4	4	7	3	4
25	3	3	2	2	2	2	1	1	1	0	0	0	1	2	1	1	1	1	1	4	4	4	5	6	2
26	9	7	6	6	6	5	5	6	4	2	2	1	2	1	2	2	1	1	2	3	3	5	6	9	4
27	5	4	4	3	2	3	3	5	12	9	7	6	-	-	1	1	1	1	2	5	5	6	6	7	4
28	7	6	6	5	7	10	18	10	3	3	3	3	4	3	3	3	3	3	3	4	6	4	3	3	5
29	4	2	2	3	3	4	7	5	5	5	3	5	4	3	3	3	3	2	2	3	5	6	6	5	4
30	8	9	8	8	7	7	10	7	4	-	4	4	3	0	0	0	0	1	2	4	4	5	5	9	5
31	7	6	4	3	3	7	17	13	3	2	0	0	0	0	0	1	2	2	6	4	5	5	8	8	4
MEAN	8	7	7	6	6	6	8	8	6	4	4	3	4	2	3	3	3	3	4	4	6	7	7	8	5.4

PERCENTAGE OF DATA VALIO - 98.0 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 1.2

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA I5 UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCE5 BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	8	8	10	11	12	16	17	9	4	4	2	1	1	1	1	1	2	3	3	4	5	3	2	6	
2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	2	3	3	2	2	2	3	3	3	4	2	
3	3	4	3	4	3	2	2	2	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	1	
4	2	1	1	2	2	3	8	8	6	-	-	1	1	1	1	1	1	1	2	4	7	10	10	10	4	
5	11	12	13	13	10	8	13	7	3	2	1	1	1	1	2	3	3	3	4	6	6	5	6	7	6	
6	6	5	4	4	3	4	7	9	8	4	1	1	1	1	1	1	1	2	2	2	3	3	3	2	3	
7	3	2	2	2	1	2	4	5	2	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	
8	2	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	1	2	8	7	3	8	10	2	
9	10	12	12	12	12	10	10	8	6	2	1	1	1	1	0	0	1	1	2	1	2	3	3	5	5	
10	5	4	4	3	4	4	8	5	2	1	2	3	3	-	3	3	6	3	2	3	4	5	6	6	4	
11	7	4	4	4	5	6	15	21	5	2	2	2	2	3	3	-	4	5	9	10	14	13	16	18	8	
12	21	21	20	8	3	6	9	4	2	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	5	
13	3	4	3	3	2	5	8	5	2	2	2	1	1	-	2	2	2	4	6	6	4	3	3	3	3	
14	2	2	2	2	2	2	4	4	4	3	2	1	1	1	0	1	1	1	2	2	3	2	2	1	2	
15	1	1	1	1	1	1	2	3	0	0	0	0	0	0	0	0	0	1	2	2	3	4	4	4	1	
16	6	4	4	2	2	3	5	6	3	3	3	1	1	1	1	2	2	2	3	5	5	4	4	3	3	
17	3	2	4	5	3	3	5	9	10	6	5	3	3	3	2	3	3	3	4	5	3	4	4	4	4	
18	2	2	3	4	4	3	5	4	8	4	-	3	3	2	2	2	2	2	2	-	2	2	2	1	3	
19	1	1	1	1	1	2	4	2	1	0	0	0	0	0	0	0	2	-	5	6	11	12	15	15	3	
20	15	15	16	17	18	21	27	40	35	7	-	1	2	2	3	3	4	5	4	6	5	5	6	10	12	
21	9	10	9	8	6	7	12	15	8	8	4	4	2	2	1	1	3	3	5	6	-	6	4	5	6	
22	5	5	5	4	3	4	5	4	2	2	2	1	0	0	0	0	1	2	3	3	4	4	5	4	3	
23	5	5	5	4	3	3	3	3	2	0	0	0	0	1	2	0	0	2	4	10	11	14	21	26	5	
24	29	28	25	21	16	17	24	40	18	2	2	1	-	-	2	2	2	4	5	7	6	11	10	13	14	14
25	16	17	17	18	20	22	29	18	11	10	8	7	5	3	3	4	6	3	6	6	7	11	10	11	11	
26	9	4	2	2	2	3	10	14	7	3	3	1	1	4	3	3	4	8	9	14	15	18	21	26	8	
27	28	26	24	21	20	21	26	41	33	18	11	10	-	-	3	2	4	4	12	16	15	18	19	19	18	
28	19	19	18	20	20	20	23	20	6	4	3	2	2	4	6	5	3	3	6	11	5	5	5	7	10	
29	7	7	6	6	7	7	8	10	11	6	3	4	1	3	2	1	1	3	3	5	8	7	-	13	6	
30	13	9	5	3	3	3	4	4	6	6	4	4	2	4	2	2	2	3	6	10	12	5	3	3	5	
MEAN	8	8	7	7	6	7	10	11	7	4	2	2	1	2	2	2	2	3	4	6	6	6	7	8	5.4	

PERCENTAGE OF DATA VALIO - 97.9 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 2.1

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCE5 8RANCH

POLLUTANT - NITROGEN OXIOE5 - CHEMILUMINE5CENT UNIT5 - 0.01 PART5/MILLION

5TATION - C NO 34002 5C CTR 770 OON MILL5 RO. NORTH YORK MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	3	7	12	6	8	-	4	3	3	2	2	2	3	6	10	12	14	10	11	6
2	7	6	4	3	3	4	8	10	8	4	4	2	2	2	2	2	2	3	3	4	3	3	2	2	4
3	2	2	2	2	2	3	3	3	3	3	5	4	6	7	7	7	4	4	3	3	3	5	7	5	4
4	2	2	2	2	2	4	6	12	11	4	-	6	9	7	6	6	5	9	9	9	8	7	9	11	6
5	12	7	5	5	2	2	7	12	10	7	6	6	5	5	5	4	5	4	6	5	3	3	3	3	6
6	2	2	2	2	2	2	3	2	2	2	2	3	2	1	2	2	1	2	3	3	3	3	3	3	2
7	3	3	3	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	1	2	2	2	1
8	2	-	2	2	2	3	3	3	1	0	0	0	2	1	1	1	2	3	7	6	3	3	3	2	2
9	2	2	2	2	2	2	3	3	2	1	-	-	0	0	1	1	2	4	8	10	11	-	14	14	4
10	13	14	-	16	14	-	22	40	41	8	3	2	1	1	1	2	2	3	5	5	5	6	6	8	10
11	8	8	7	7	8	9	15	28	29	18	11	3	2	-	-	3	4	3	4	7	7	3	3	2	9
12	1	1	1	1	2	3	4	6	6	4	3	2	2	2	2	4	6	8	7	6	3	5	3	3	4
13	2	2	2	2	2	2	3	2	3	2	2	1	0	1	0	1	1	1	3	3	2	1	2	6	2
14	7	8	7	5	1	2	2	2	1	0	0	0	1	1	1	0	1	2	2	4	4	5	4	3	3
15	3	3	2	2	3	3	5	-	7	-	-	9	7	5	2	2	3	4	5	5	6	6	6	5	4
16	3	2	2	2	2	4	8	8	5	2	2	-	1	1	1	1	2	2	4	4	11	14	15	15	5
17	12	11	14	15	13	14	21	-	-	29	25	22	24	-	-	38	34	33	45	44	45	42	45	44	29
18	45	38	6	3	4	7	12	15	4	3	2	2	-	2	3	3	5	4	7	14	13	17	21	21	11
19	4	3	3	3	2	4	5	3	4	4	4	4	5	5	6	-	-	11	8	6	4	5	5	4	5
20	5	8	6	4	4	6	7	5	6	6	3	3	2	2	3	3	4	4	5	7	7	4	4	4	5
21	4	3	3	4	3	3	2	4	3	3	3	1	3	3	2	2	2	3	5	5	6	13	16	11	4
22	9	4	4	4	4	6	10	20	14	9	5	3	-	3	2	4	6	7	5	9	7	7	9	8	7
23	4	3	2	2	3	6	4	5	5	5	2	3	3	3	3	3	3	3	2	4	3	3	3	3	3
24	3	3	2	2	2	2	3	4	4	3	4	3	2	2	2	2	2	2	2	2	2	-	2	2	2
25	2	1	1	2	2	2	4	5	2	1	0	0	0	1	1	1	3	2	2	1	2	1	1	1	2
26	1	1	1	1	1	2	3	5	3	-	3	2	1	-	1	1	1	2	2	2	3	2	2	2	2
27	3	2	2	1	2	2	2	5	4	3	3	1	1	1	3	2	2	3	5	3	2	2	2	2	2
28	3	3	2	2	3	2	2	4	4	2	2	1	1	1	1	1	2	3	3	3	3	3	2	2	2
29	2	1	1	1	1	1	2	4	4	3	2	2	2	2	2	2	3	5	7	6	4	5	5	5	3
30	4	3	1	1	1	3	4	4	4	3	2	2	1	1	1	1	2	6	6	5	4	4	4	4	3
31	3	2	2	2	2	2	5	7	5	2	2	2	2	1	1	-	-	-	-	-	-	-	-	-	******
MEAN	6	5	3	3	3	4	6	8	7	5	4	3	3	2	2	3	4	5	6	7	6	7	7	7	4.8

PERCENTAGE OF OATA VALIO - 95.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILA8LE - 4.6

NOTE5 1. "*****" INOICATE5 INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA I5 UNAVAILA8LE

3. "******" INOICATE5 LE55 THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RE5OURCE5 8RANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINE5CENT UNIT5 - 0.01 PART5/MILLION

5TATION - C NO 34002 5C CTR 770 DON MILL5 RO. NORTH YORK MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- OATA UNAVAILABLE -																								
2	-	-	-	-	-	-	-	-	-	-	-	2	2	4	4	4	5	4	8	9	8	7	5	6	******
3	8	10	11	11	10	10	11	15	16	8	4	6	5	3	4	3	2	3	4	5	6	5	4	-	7
4	5	5	5	4	3	4	2	4	3	2	0	0	1	1	1	1	1	3	7	7	12	17	17	18	5
5	19	20	22	27	28	29	32	41	44	3	1	-	1	3	3	3	7	6	8	6	8	15	15	17	16
6	22	22	23	23	22	20	22	28	41	44	20	8	8	8	10	8	12	9	11	13	21	22	22	11	19
7	9	5	4	3	3	2	3	5	5	2	1	0	1	1	1	2	3	3	3	4	3	3	3	4	3
8	5	6	5	4	3	-	-	3	3	2	3	3	4	4	-	3	4	6	5	8	8	8	12	13	5
9	13	11	12	12	13	15	21	33	42	50	10	8	5	4	5	4	4	4	5	-	5	6	7	7	13
10	9	8	6	4	3	3	2	3	3	2	1	1	1	1	1	1	1	2	3	4	5	4	4	4	3
11	3	4	-	4	4	4	3	6	5	3	2	2	-	2	1	2	1	2	3	5	7	6	6	10	4
12	10	3	3	-	3	3	4	10	10	6	4	2	2	3	4	4	4	5	8	18	23	30	36	39	10
13	39	39	39	26	9	5	10	16	20	11	8	-	4	2	1	1	4	13	21	23	21	16	8	7	15
14	5	4	4	4	4	4	6	8	9	10	3	1	1	1	1	3	5	8	8	6	5	9	12	14	6
15	14	14	14	12	7	7	7	11	8	7	4	5	4	4	6	6	9	11	11	11	8	4	3	2	8
16	1	1	1	1	1	2	3	8	6	4	3	3	2	2	3	3	4	12	41	42	41	41	41	41	13
17	40	36	38	37	37	38	37	38	37	36	32	34	33	32	32	32	28	36	38	48	52	52	57	63	39
18	71	78	87	86	83	82	74	74	65	54	31	29	18	7	4	14	31	32	34	33	37	34	31	34	47
19	34	34	33	33	34	34	27	9	8	7	4	2	4	5	6	9	7	12	11	6	8	8	8	13	15
20	11	9	6	6	7	7	8	16	25	8	4	2	2	3	3	2	5	4	3	3	3	2	2	2	6
21	2	2	2	2	2	2	4	8	6	3	3	3	3	3	2	3	3	-	2	3	3	3	3	3	3
22	3	3	4	4	4	6	10	19	19	10	13	12	9	5	-	8	6	5	5	4	3	3	4	5	7
23	-	4	3	3	4	4	7	9	6	6	5	9	8	7	5	10	9	11	19	26	32	29	30	32	12
24	29	27	19	5	2	2	2	2	2	2	1	1	1	1	1	2	2	5	7	8	7	-	7	10	6
25	18	16	14	14	15	20	23	26	28	11	4	1	3	2	1	1	1	1	2	2	1	2	1	1	9
26	1	2	2	2	3	2	4	6	3	2	3	-	-	1	1	1	1	1	1	1	2	2	2	2	2
27	1	1	1	1	1	2	2	2	4	3	1	1	1	1	1	1	2	3	5	4	7	10	9	9	3
28	8	5	3	3	2	2	4	2	1	1	0	0	0	1	1	1	2	2	2	2	3	3	2	2	2
29	2	2	2	2	2	2	2	4	5	4	0	3	1	1	1	1	-	-	3	3	3	3	3	3	2
30	3	3	2	2	2	2	2	3	3	2	1	1	1	1	1	1	2	2	3	3	3	3	3	3	2
MEAN	14	13	14	12	11	12	12	15	15	11	6	5	5	4	4	5	6	8	10	11	12	12	12	13	10.1

PERCENTAGE OF OATA VALIO - 92.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILA8LE - 7.4

NOTE5 1. "*****" INOICATE5 INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA I5 UNAVAILA8LE

3. "******" INOICATE5 LE55 THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 OON MILLS RO. NORTH YORK MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	3	3	3	3	1	3	5	7	6	5	5	-	3	3	3	3	4	3	2	2	3
2	2	2	1	1	1	2	0	0	0	0	0	0	0	0	0	1	2	7	13	8	7	10	11	10	3
3	7	5	5	4	5	4	5	6	6	5	3	2	2	2	-	1	-	2	7	11	5	4	3	3	4
4	3	3	3	3	3	3	4	5	8	8	5	3	2	1	2	3	4	5	5	5	3	6	4	5	4
5	6	7	4	5	3	3	4	7	7	6	4	4	4	4	3	2	2	3	3	3	3	4	3	4	4
6	4	3	3	3	3	4	5	7	11	11	5	4	9	8	6	4	5	8	5	5	4	4	5	5	5
7	5	5	5	4	4	4	7	8	11	4	2	1	1	1	3	4	5	4	4	4	3	4	3	2	4
8	3	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	2	-	3	2	2	2	3	1
9	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	3	2	2	2	3	3	3	1	1	2
10	1	1	2	2	3	3	6	10	15	11	3	1	1	2	2	4	5	7	5	7	7	10	8	6	5
11	4	4	4	4	4	3	4	4	5	5	4	5	5	4	5	3	5	5	7	9	6	5	4	4	5
12	4	3	3	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
13	2	2	1	2	2	2	3	5	6	5	4	3	4	5	-	8	9	10	15	16	17	17	6	2	6
14	3	2	3	3	3	5	4	5	8	5	2	1	1	-	1	2	3	3	3	4	4	3	2	3	3
15	3	3	4	5	6	7	8	7	3	3	2	2	2	2	1	3	3	3	5	6	6	6	5	5	4
16	6	5	6	6	6	6	4	4	4	4	4	4	4	4	4	1	1	1	2	2	1	1	2	2	4
17	1	1	1	1	1	2	3	7	12	12	-	9	3	2	-	3	3	5	4	4	3	3	3	3	4
18	3	3	2	2	2	2	4	6	4	2	2	2	3	4	5	9	11	10	8	9	9	7	9	4	5
19	2	2	2	2	3	3	3	3	3	3	3	3	4	3	3	4	5	5	6	5	5	5	5	6	4
20	4	4	3	3	3	3	5	7	8	9	7	9	9	8	8	8	12	15	26	36	39	47	51	59	16
21	63	67	70	73	72	62	64	67	73	83	25	3	2	4	-	6	9	10	11	22	16	18	17	14	37
22	8	6	5	5	3	3	5	3	5	5	7	7	6	6	8	12	13	12	13	13	12	13	15	14	8
23	12	10	9	7	6	5	5	6	6	7	9	9	7	7	5	6	8	7	5	6	9	8	19	20	8
24	19	17	18	19	20	17	9	6	5	4	4	4	4	4	3	3	2	4	4	4	5	5	5	5	8
25	6	5	5	4	3	2	2	1	1	2	2	2	2	2	2	2	3	1	1	1	1	2	2	2	2
26	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	2	2	2	3	3	1
27	2	2	2	1	1	1	1	2	2	2	1	1	1	0	1	1	2	2	2	2	2	2	2	2	2
28	1	1	1	1	1	2	2	3	3	5	2	2	1	2	2	2	3	5	5	6	7	9	11	11	4
29	7	8	8	6	6	5	4	3	4	4	1	1	1	2	2	2	3	4	3	3	3	4	3	5	4
30	5	3	3	3	3	2	2	2	5	2	1	0	0	0	1	1	3	9	13	12	9	5	5	8	4
31	9	9	9	9	10	12	18	25	34	20	8	8	4	4	3	4	6	9	13	16	22	29	27	-	13
MEAN	7	6	6	6	6	6	6	7	8	8	4	3	3	3	3	3	5	5	7	7	7	8	8	7	5.8

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RD. NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	4.9	18	48
FEB	28	5.5	17	37
MAR	31	6.9	26	56
APR	30	4.6	18	47
MAY	31	5.1	12	33
JUN	30	4.9	12	30
JUL	31	5.3	8	22
AUG	31	5.4	13	36
SEP	30	5.4	18	41
OCT	30	4.8	29	45
NOV	28	10.1	47	87
DEC	31	5.8	37	83
YEAR	361	5.7	47	87

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 OON MILLS RO. NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	540	117	21	17	8	1	0	704
FEB	454	126	47	21	10	0	0	658
MAR	445	152	84	33	8	2	4	728
APR	528	108	44	14	3	4	0	701
MAY	485	170	66	4	2	0	0	727
JUN	479	144	55	10	0	0	0	688
JUL	490	161	78	1	0	0	0	730
AUG	490	160	68	10	1	0	0	729
SEP	500	10S	72	23	4	1	0	705
OCT	S46	101	40	10	5	8	0	710
NOV	380	119	66	33	42	13	14	667
OEC	536	126	49	7	3	1	12	734
YEAR	5873	1589	690	183	86	30	30	8481

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.8	0	0.6	1.9	3.1	5.1	11.3	17.3	28.S	36.S	87	5.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	12	17	9	4	4	4	4	4	4	3	3	3	3	2	2	2	2	2	2	1	1	2	2	5
2	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	5	4	-	-	-	2	3
3	2	2	2	2	2	3	4	7	4	4	3	****	3	3	4	8	10	14	9	7	S	4	4	3	5
4	3	3	3	3	3	3	6	15	15	11	9	7	5	2	14	1S	8	12	9	8	7	4	4	4	7
5	2	2	2	2	3	3	6	13	19	20	15	****	12	8	10	11	12	11	10	10	10	8	****	14	9
6	11	17	19	9	7	7	11	18	17	13	7	4	6	8	9	10	12	17	19	14	12	11	7	11	12
7	11	14	12	9	6	4	5	8	12	13	21	24	15	10	6	6	7	6	6	6	5	3	3	2	9
8	4	4	5	4	6	7	10	12	14	11	7	****	1	****	1	2	5	6	S	8	8	7	10	10	7
9	7	4	3	3	3	3	6	14	22	16	13	9	9	10	12	14	14	17	13	12	11	11	8	6	10
10	6	7	6	6	5	6	7	9	11	13	8	7	7	****	3	3	3	4	6	8	6	6	****	3	6
11	3	3	4	3	8	10	12	43	68	32	31	15	8	3	3	3	5	9	11	-	-	24	22	19	15
12	1S	14	9	13	16	7	6	11	28	31	31	26	25	28	29	40	49	58	-	-	58	38	23	20	26
13	14	20	16	9	8	7	9	14	22	19	15	14	13	11	12	10	9	8	9	9	8	6	7	9	12
14	12	14	1S	10	7	6	6	6	6	3	2	2	2	2	2	2	2	2	4	4	4	4	3	3	5
15	3	3	3	3	3	3	6	12	13	7	7	9	6	3	4	8	10	11	10	9	7	6	7	6	7
16	6	5	6	S	4	6	6	9	11	9	5	4	3	3	3	4	5	8	11	13	14	13	13	19	8
17	2S	27	21	24	20	17	34	33	24	19	17	17	20	24	1S	7	25	32	39	1S	9	5	4	7	20
18	S	3	2	2	3	2	2	3	3	3	-	-	1	1	1	3	3	5	S	4	4	5	6	5	3
19	3	4	4	5	6	6	7	10	14	32	36	33	-	29	37	31	34	33	28	27	26	21	17	16	20
20	14	12	11	8	6	5	7	11	13	23	24	20	22	27	24	28	27	23	1S	14	1S	7	10	12	16
21	12	10	7	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	2	4	3	3	2	4
22	2	2	2	1	2	-	3	4	5	7	4	3	3	3	4	4	3	****	4	4	4	5	13	15	4
23	9	S	3	S	5	6	18	28	2S	38	26	29	2S	26	****	****	30	26	21	20	21	21	22	24	20
24	30	18	1S	9	7	10	20	24	22	-	****	10	10	12	11	11	10	7	6	6	6	6	S	4	12
25	4	6	S	3	3	2	4	5	4	4	4	5	S	3	4	4	5	4	4	3	3	3	3	2	4
26	2	2	2	2	2	2	3	3	3	4	4	4	4	4	****	3	3	3	3	3	3	3	3	3	3
27	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	S	5	6	7	6	4	4	4
28	4	4	3	2	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	2	2	1	1	1	2	2	3	3	3	3	3	2	3	3	3	3	3	3	3	2	2	2	2	2
30	2	2	2	2	2	2	3	4	7	6	3	2	3	3	****	2	3	-	6	6	3	2	2	2	3
31	4	4	4	2	2	2	2	3	3	4	3	2	2	1	1	1	2	2	1	1	2	2	3	4	2
MEAN	8	7	7	5	5	5	7	11	13	12	11	10	8	8	8	8	10	12	9	8	9	8	8	8	8.5

PERCENTAGE OF OATA VALID - 96.5 PERCENTAGE OF OATA INVALIO - 1.7 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDE5 - CHEMILUMINESCENT UNIT5 - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	2	2	1	1	2	3	3	2	2	0	2	1	11	****	3	2	3	3	3	2	1	3
2	1	1	1	1	1	1	2	2	3	3	3	3	2	****	3	3	5	8	7	9	8	8	7	9	4
3	13	13	14	12	14	15	38	32	22	14	8	7	9	14	15	13	14	35	27	13	15	14	22	34	18
4	30	22	19	15	10	8	8	11	10	8	6	3	3	3	3	5	6	7	7	7	6	5	4	4	9
5	4	4	2	2	2	3	3	6	6	4	3	2	2	2	2	3	-	6	7	7	6	5	5	6	4
6	4	3	4	4	6	6	8	14	18	39	27	20	20	12	20	41	51	45	38	35	26	28	29	32	22
7	25	17	13	13	15	26	42	59	44	39	29	24	24	27	28	31	34	27	26	25	23	19	13	9	26
8	11	11	18	12	8	9	10	13	****	10	5	4	3	3	3	3	5	6	6	5	6	9	5	3	7
9	3	2	2	2	-	-	-	****	3	3	3	4	3	3	3	4	5	9	11	11	13	9	9	14	6
10	16	14	10	11	10	12	12	12	11	15	12	4	9	16	14	10	7	6	5	5	4	3	3	3	9
11	3	3	3	3	3	3	4	4	4	3	5	2	2	4	5	6	8	11	13	14	23	21	27	28	8
12	20	17	18	22	18	18	16	20	21	19	14	15	26	17	15	8	7	9	10	9	6	4	5	4	14
13	4	4	4	2	2	2	3	5	5	5	3	3	3	5	****	2	4	6	****	7	6	6	4	6	4
14	5	4	2	2	2	2	4	25	47	40	22	7	9	20	21	28	32	29	28	27	23	18	13	9	17
15	8	9	5	8	6	8	17	30	29	26	26	28	25	25	26	32	35	34	-	24	20	17	10	11	20
16	10	6	4	3	3	3	4	6	6	5	4	3	1	1	2	3	5	6	5	4	3	-	2	2	4
17	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	4	7	7	4	4	4	4	3
18	4	4	4	6	5	5	7	8	13	17	15	11	13	16	18	19	18	19	17	16	-	15	25	****	13
19	****	19	****	13	13	16	19	24	30	32	25	11	5	3	3	8	13	17	19	20	20	23	22	17	17
20	17	13	10	10	10	12	27	45	53	38	34	31	33	32	****	****	44	55	52	-	19	26	38	41	30
21	32	24	22	21	28	23	38	70	76	73	47	39	35	39	35	24	19	16	13	9	8	4	4	4	29
22	3	4	3	3	4	4	5	6	7	7	6	5	4	3	4	28	48	52	48	49	50	35	21	20	17
23	13	10	7	5	5	6	13	27	33	33	35	****	****	45	48	47	52	35	24	25	26	23	27	34	26
24	35	16	3	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	1	2	3	2	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1
26	2	1	0	0	1	2	3	1	2	2	1	1	1	1	0	1	1	****	1	1	1	1	1	1	1
27	1	1	1	1	1	2	3	2	2	1	1	1	0	1	1	1	1	1	2	2	1	2	2	2	1
28	2	3	18	13	17	24	37	74	70	39	10	3	1	20	27	34	39	42	43	45	43	42	66	75	33
MEAN	10	8	7	7	7	8	12	19	19	17	12	9	9	12	12	14	18	18	16	14	13	13	13	14	12.5

PERCENTAGE OF OATA VALIO - 96.7 PERCENTAGE OF OATA INVALID - 2.1 PERCENTAGE OF OATA UNAVAILABLE - 1.2

NOTE5 1. "****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 DATA I5 UNAVAILABLE

3. "*****" INDICATE5 LE55 THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCE5 BRANCH

POLLUTANT - NITROGEN OXIDE5 - CHEMILUMINE5CENT UNIT5 - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WIL5ON, NORTH YORK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	16	8	9	6	6	13	37	32	26	19	17	17	22	23	25	34	34	35	42	26	27	6	3	22
2	2	1	1	1	1	1	1	4	5	8	8	****	1	1	3	17	32	-	****	41	38	27	22	22	11
3	16	10	9	7	5	5	10	21	22	25	23	20	20	21	23	21	24	29	36	39	28	11	12	14	19
4	18	19	14	9	6	3	3	7	9	10	15	16	22	30	25	19	19	19	20	27	35	41	47	40	20
5	14	6	5	6	5	7	12	10	15	10	5	4	4	6	4	5	6	3	14	19	16	17	25	27	10
6	20	9	6	4	6	7	39	63	62	42	32	25	22	22	19	22	25	23	19	12	10	13	13	4	22
7	-	****	1	1	14	15	35	53	39	30	24	13	****	15	11	2	6	1	6	44	40	39	36	16	21
8	8	6	3	1	1	1	2	5	5	2	1	1	1	1	1	1	1	1	2	2	1	2	3	3	2
9	3	4	5	5	4	7	13	22	29	41	14	****	34	21	23	27	34	39	32	30	31	24	21	22	21
10	10	10	5	3	3	1	3	4	2	3	6	9	8	6	5	6	11	1	0	0	0	1	2	3	4
11	2	1	1	2	2	3	3	3	3	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
12	0	0	0	1	2	1	1	0	0	0	1	0	0	****	0	0	0	0	1	2	2	8	-	22	2
13	23	11	5	3	4	7	18	41	35	****	16	19	18	20	22	26	36	26	5	3	5	6	6	12	16
14	10	3	2	2	1	1	1	3	6	4	1	1	1	1	0	0	0	0	1	1	2	2	1	1	2
15	1	1	2	1	1	1	1	2	1	0	0	0	0	0	0	0	0	1	2	1	2	5	9	10	2
16	16	15	4	2	2	-	3	8	2	1	0	****	0	1	2	0	0	0	2	10	34	36	32	34	9
17	26	24	24	17	17	16	11	12	4	4	10	10	7	7	11	20	23	26	31	32	29	23	26	19	18
18	9	12	7	3	1	1	2	3	9	8	2	5	2	5	7	11	12	20	27	30	34	24	22	21	12
19	13	7	8	7	6	3	5	37	39	28	21	19	16	16	13	20	13	2	36	21	20	14	17	19	17
20	17	10	12	7	2	2	3	12	18	18	7	2	****	4	4	3	2	-	****	9	9	****	5	7	8
21	6	9	5	5	4	4	7	9	24	42	33	23	19	15	22	27	33	39	46	43	33	33	38	39	23
22	34	43	44	39	16	4	5	6	6	17	22	23	23	33	34	29	34	39	41	48	54	56	43	33	30
23	29	28	20	10	8	9	27	50	45	38	29	29	****	37	33	43	47	55	60	35	17	12	10	14	30
24	16	11	11	7	5	4	6	11	16	15	18	31	33	39	43	47	35	28	26	43	30	24	13	15	22
25	8	5	3	2	1	1	1	2	3	4	3	4	6	5	6	8	9	5	2	3	3	3	2	1	4
26	1	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	2	2	2	1	2	2	3	3	******
27	3	2	2	2	3	3	4	4	4	3	1	1	1	1	1	2	1	2	2	4	3	4	6	7	3
28	6	6	11	21	21	35	53	62	46	30	25	25	24	25	28	30	34	36	36	30	27	27	24	17	28
29	15	12	11	12	10	13	32	49	62	45	20	7	4	4	4	5	6	7	9	21	27	42	40	29	20
30	27	11	5	4	4	6	17	43	-	51	51	49	59	63	44	44	43	50	40	46	46	46	32	23	35
31	27	17	8	23	15	16	19	27	25	10	4	4	3	3	4	4	4	4	3	3	3	3	2	2	10
MEAN	14	10	8	7	6	6	12	20	20	18	14	13	13	15	14	15	17	17	18	21	20	19	17	16	14.5

PERCENTAGE OF DATA VALIO - 96.0 PERCENTAGE OF DATA INVALID - 3.2 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATE5 INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "*****" INOICATE5 LE55 THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	1	5	8	11	13	13	15	16	17	17	20	20	21	18	14	13	11	9	10
2	6	3	3	2	3	4	8	26	36	42	55	****	36	29	25	28	37	45	24	12	20	5	3	3	20
3	1	1	1	0	0	1	2	3	4	3	2	1	2	2	****	2	1	2	3	4	3	3	3	3	2
4	5	4	4	6	7	16	33	66	61	44	13	****	17	13	15	15	16	12	10	7	5	5	5	9	17
5	10	4	2	2	1	****	4	5	-	-	2	2	2	3	4	7	11	26	29	31	20	11	9	7	9
6	4	4	0	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
7	2	2	2	1	1	1	3	2	2	1	1	1	1	1	1	1	1	1	1	2	3	2	4	5	2
8	7	7	7	7	7	7	4	4	6	10	12	13	16	20	25	28	25	14	8	10	11	10	10	9	12
9	6	5	6	5	5	7	14	20	19	6	4	3	3	2	****	3	3	6	6	8	9	16	31	8	8
10	6	5	5	4	4	4	6	7	5	3	2	3	4	4	4	4	5	7	8	14	14	8	14	10	6
11	10	9	10	5	5	5	7	34	42	31	27	25	26	28	33	38	49	44	46	41	29	22	28	28	26
12	23	17	9	8	7	8	15	28	24	22	20	25	****	26	28	32	35	37	37	32	20	19	12	12	22
13	9	6	5	5	3	3	5	7	8	11	11	14	15	14	15	15	14	20	24	21	19	12	10	10	12
14	8	7	7	5	4	5	8	9	6	4	4	7	10	14	25	26	29	32	36	29	26	10	8	8	14
15	7	4	3	1	1	1	1	0	0	1	1	1	2	2	2	2	2	2	1	1	2	1	1	1	2
16	1	0	0	0	0	0	1	3	3	2	1	1	2	2	3	3	3	****	3	3	****	3	3	1	2
17	2	2	2	1	3	4	4	5	4	3	2	2	2	-	-	1	3	3	4	5	3	4	5	3	3
18	2	4	6	6	4	4	4	4	4	2	2	****	-	-	2	2	2	3	3	4	4	1	1	1	3
19	1	1	1	3	2	3	3	4	3	2	2	2	1	1	1	1	3	2	3	3	3	3	2	2	2
20	3	2	2	2	2	6	7	8	14	7	7	5	20	29	35	36	45	39	40	49	49	50	38	43	22
21	36	23	24	37	68	71	60	35	29	23	21	19	18	17	20	25	28	32	38	19	40	37	29	24	32
22	26	17	11	6	4	3	2	2	2	2	2	2	2	2	2	2	8	23	26	27	30	15	7	7	10
23	8	8	8	6	4	8	52	66	30	26	17	20	19	24	****	30	29	31	40	46	48	25	38	40	27
24	50	51	40	8	19	27	38	43	48	39	27	23	22	22	21	25	35	41	37	37	32	28	29	33	32
25	27	28	18	19	15	****	31	47	49	42	39	35	25	****	27	31	39	42	44	44	38	27	28	24	33
26	23	26	16	8	7	11	23	34	34	28	25	24	25	28	31	29	44	50	43	33	28	25	22	19	27
27	16	13	6	3	2	3	3	4	4	4	4	4	2	3	3	3	4	3	3	3	3	3	2	2	4
28	1	1	1	0	0	0	0	1	9	17	23	25	24	26	34	35	28	30	36	37	40	32	30	14	19
29	5	3	2	0	0	2	2	2	2	2	2	2	2	15	16	18	25	30	26	26	32	10	5	4	10
30	3	4	4	11	13	47	69	49	39	33	35	40	40	****	26	29	31	5	4	4	6	11	8	4	22
MEAN	10	9	7	5	6	9	14	18	17	15	13	12	13	13	16	16	19	21	20	19	19	14	13	12	13.7

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	1	1	1	0	2	3	3	2	1	1	2	3	2	3	3	3	3	3	4	5	4	4	4	3
2	4	6	9	10	10	15	17	7	14	9	29	28	24	26	27	30	42	45	42	31	32	21	20	15	21
3	14	7	5	6	8	22	36	32	35	29	36	30	33	45	54	52	47	26	13	3	2	2	2	2	23
4	2	2	2	2	2	4	4	4	3	3	3	3	4	4	4	5	-	3	3	3	3	3	2	3	3
5	2	1	1	1	1	3	5	2	2	2	2	2	5	20	18	22	20	25	30	21	2	3	3	3	8
6	8	13	7	5	5	5	8	8	9	14	13	16	21	19	19	22	21	20	17	20	18	17	19	10	14
7	7	4	4	5	7	20	33	29	20	19	19	18	18	****	22	27	22	18	19	15	16	14	13	10	16
8	9	7	7	10	16	21	63	53	47	31	26	30	23	23	25	30	28	25	33	34	31	29	25	23	27
9	15	12	11	16	17	40	57	50	40	32	29	24	13	11	12	14	11	17	17	20	17	17	25	16	22
10	12	12	21	29	18	14	55	39	29	19	24	29	27	26	29	34	34	33	23	38	35	34	27	21	28
11	17	24	27	24	19	34	52	53	38	33	32	****	36	35	38	33	43	36	37	38	33	30	31	30	34
12	20	24	20	15	10	14	31	30	23	15	14	13	14	12	11	10	8	6	4	3	2	2	2	2	13
13	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	6	8	13	3
14	5	3	6	9	12	31	43	27	20	24	23	24	19	18	20	25	18	8	14	16	26	30	23	18	19
15	17	10	10	6	5	7	10	8	7	9	17	24	25	15	21	10	29	8	4	21	7	4	2	3	12
16	3	2	1	1	1	3	3	4	3	3	2	2	2	2	2	2	2	2	2	3	5	7	5	6	3
17	-	16	9	****	7	22	22	31	40	24	31	25	22	****	20	24	26	23	33	36	37	34	35	17	25
18	14	14	19	12	15	12	56	54	48	27	28	30	30	22	24	28	32	33	33	37	42	39	32	37	30
19	36	21	14	14	15	28	27	26	23	22	18	18	17	15	16	16	19	22	21	23	21	22	22	23	21
20	20	9	7	5	5	7	8	9	10	11	12	14	18	14	17	16	23	23	21	24	18	10	10	10	13
21	****	9	9	5	6	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
22	1	1	0	0	1	3	4	6	15	8	13	19	****	22	26	30	25	25	27	25	24	29	28	****	15
23	16	11	7	5	14	9	7	6	9	5	10	9	22	28	28	30	31	30	30	30	28	31	22	11	18
24	6	3	2	2	3	2	4	4	2	2	3	5	9	****	15	31	31	36	35	29	13	9	4	1	11
25	0	0	0	0	-	****	2	3	3	3	3	3	4	3	3	4	4	3	3	2	3	4	4	9	3
26	15	11	9	6	8	14	25	23	24	27	26	23	14	16	15	15	15	24	21	23	17	21	16	12	18
27	16	15	11	8	5	3	6	6	5	10	12	15	16	17	15	19	20	25	21	24	26	14	11	27	14
28	16	10	13	14	11	9	23	25	19	11	12	25	****	****	27	34	36	28	23	13	9	9	16	17	18
29	15	13	15	26	21	13	9	9	9	7	5	6	9	28	20	30	29	18	7	5	4	11	26	9	14
30	6	6	5	5	7	7	6	6	7	7	4	3	5	****	20	24	26	31	29	33	33	42	45	33	17
31	30	59	49	42	32	54	77	69	34	33	27	22	22	22	28	31	29	31	30	39	42	33	13	37	37
MEAN	11	11	10	10	9	14	23	20	18	14	15	16	16	17	19	21	23	20	19	20	18	17	16	14	16.3

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	34	21	6	16	25	49	58	41	27	25	26	****	-	-	25	28	28	29	26	36	35	26	31	23	29
2	23	19	14	7	3	3	3	4	3	3	3	2	2	2	5	18	19	24	20	25	29	35	19	11	12
3	10	8	4	2	3	5	5	9	13	14	15	15	14	14	8	6	14	14	13	12	10	11	22	27	11
4	24	26	21	10	16	36	50	27	28	26	27	28	26	20	21	25	24	26	14	21	28	14	11	11	23
5	8	7	7	7	8	19	17	6	6	9	6	-	5	5	5	4	3	2	2	3	3	2	3	3	6
6	2	2	4	9	19	42	51	39	26	22	22	20	19	****	24	25	27	25	23	21	25	30	25	19	23
7	13	10	8	9	16	36	51	45	38	29	31	27	29	34	20	51	33	35	36	38	27	28	31	27	29
8	30	25	21	24	29	42	47	43	41	36	34	36	38	31	39	39	42	34	27	34	39	36	23	25	34
9	40	32	27	25	24	21	19	29	31	28	26	25	25	25	25	24	29	30	29	31	27	26	27	30	27
10	28	28	23	18	16	17	18	17	19	21	22	23	21	21	20	21	22	21	22	22	17	17	12	12	20
11	10	8	6	4	4	6	6	6	4	3	3	2	2	****	2	2	2	-	-	3	4	5	6	4	4
12	3	1	1	1	1	3	5	4	2	1	1	1	1	1	1	2	3	1	****	4	4	5	4	3	2
13	3	3	3	3	1	3	6	6	3	2	1	1	1	****	****	2	2	2	2	2	4	7	20	41	5
14	36	24	18	14	****	10	****	****	38	26	21	18	****	****	15	22	24	23	21	25	35	33	30	24	24
15	23	16	11	9	11	21	34	32	17	14	****	****	13	12	11	19	19	15	14	13	15	11	10	9	16
16	8	9	7	7	6	8	9	5	5	5	6	7	8	9	13	17	18	20	21	25	15	15	10	10	11
17	12	11	11	11	9	11	12	11	11	14	15	16	16	15	15	15	16	19	12	9	6	8	5	4	12
18	3	2	2	2	1	1	2	2	2	2	****	2	6	-	16	9	6	4	3	3	18	18	5	4	5
19	4	3	2	1	1	3	4	23	28	20	17	21	20	19	22	27	26	24	22	22	30	34	33	31	18
20	29	28	27	28	27	37	52	40	33	26	24	21	21	21	23	26	24	25	21	18	23	27	27	21	27
21	9	6	7	7	9	23	41	40	32	30	27	26	23	25	29	34	32	29	28	30	32	34	18	15	24
22	13	7	11	12	13	27	38	29	25	35	18	7	7	7	7	5	-	3	2	2	2	2	2	2	12
23	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2
24	3	2	****	2	2	2	2	****	2	1	2	1	1	1	1	1	1	1	1	1	2	2	4	3	2
25	3	2	2	1	1	3	5	5	4	7	6	11	19	19	21	20	-	22	20	18	27	20	21	20	12
26	19	27	37	21	24	21	26	48	36	21	15	18	18	17	****	22	26	22	21	28	32	28	26	20	25
27	14	10	10	7	6	15	29	28	21	18	13	12	9	24	28	31	26	21	17	10	9	5	5	5	16
28	5	6	6	4	10	17	12	9	8	5	****	15	25	27	26	26	27	27	27	27	30	31	26	27	18
29	27	27	16	10	16	26	36	41	38	30	26	25	21	25	30	34	32	27	28	28	26	21	20	-	27
30	16	15	11	9	9	14	19	21	21	25	24	27	25	22	20	-	18	23	27	26	26	23	21	18	20
MEAN	15	13	11	9	11	17	23	22	19	17	16	15	15	17	17	19	20	19	18	18	19	19	17	16	16.7

PERCENTAGE OF DATA VALID - 96.1 PERCENTAGE OF DATA INVALID - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	17	13	10	7	7	8	11	11	10	11	12	19	19	15	13	11	13	13	15	16	16	17	18	16	13
2	8	6	7	7	7	5	3	3	2	2	3	3	3	2	3	3	3	3	2	2	3	3	2	2	4
3	1	1	0	0	1	1	3	3	3	****	****	1	2	1	2	1	2	1	1	1	3	4	4	4	2
4	5	4	3	2	4	8	6	4	5	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3
5	3	1	0	0	0	2	2	3	1	1	****	****	1	1	1	1	1	1	1	2	4	5	2	2	2
6	1	1	1	1	3	4	5	7	6	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
7	2	3	4	5	5	7	7	7	5	2	4	15	16	14	13	13	14	17	17	17	20	20	17	12	11
8	8	5	4	1	1	2	1	1	2	8	11	12	13	11	12	11	11	12	16	21	26	26	20	15	10
9	15	23	33	19	8	34	51	40	35	25	****	25	24	24	24	27	31	32	28	27	23	35	31	25	28
10	14	9	7	8	11	22	40	40	35	32	32	-	32	31	27	29	36	33	38	39	34	31	29	18	27
11	14	13	8	7	9	11	11	11	10	8	13	20	28	32	34	38	33	32	37	30	26	28	31	32	22
12	27	24	14	12	10	11	14	15	11	10	9	9	****	****	15	25	27	30	23	24	23	19	31	30	19
13	18	26	16	12	8	8	9	21	31	28	26	23	22	21	24	23	26	22	25	26	30	29	30	30	22
14	28	24	15	9	6	5	12	28	27	22	23	18	17	17	19	16	16	17	20	20	21	22	18	19	18
15	21	19	17	19	15	12	14	13	10	10	14	18	16	14	18	14	13	20	22	26	24	15	9	9	16
16	8	8	9	10	9	10	14	11	7	5	5	5	5	15	25	30	9	5	4	4	4	3	3	3	9
17	1	1	1	1	1	2	1	-	3	4	7	4	2	2	9	15	26	18	2	2	1	1	1	1	5
18	1	0	0	0	1	1	4	4	3	2	2	3	2	1	1	1	8	17	16	3	3	2	2	3	3
19	2	2	1	3	6	5	10	9	10	8	2	6	6	15	19	21	22	19	21	25	21	27	23	16	12
20	9	5	3	3	3	5	7	4	8	25	23	19	****	****	19	19	20	19	20	23	26	17	13	13	14
21	****	18	19	14	8	20	24	23	12	8	11	11	14	10	11	14	12	13	13	17	22	13	8	6	14
22	5	6	4	3	1	8	-	6	3	7	9	1	2	0	1	0	0	9	14	21	26	18	9	5	7
23	****	6	3	4	6	17	22	26	23	19	21	18	16	****	36	43	43	35	38	38	35	32	36	25	25
24	18	18	17	14	18	43	62	58	45	42	43	47	35	41	38	41	42	35	23	22	24	24	28	18	33
25	15	14	17	17	19	34	52	50	51	45	37	31	34	34	48	47	41	43	41	46	40	37	38	34	36
26	28	25	22	25	23	29	44	49	24	14	14	13	12	11	11	11	10	9	9	9	8	9	8	8	18
27	7	6	6	6	6	9	11	10	8	12	33	34	35	-	36	38	37	33	36	41	49	53	37	30	25
28	33	30	23	21	21	29	43	41	38	33	31	29	25	22	15	15	15	12	9	8	8	8	7	8	22
29	8	7	5	4	3	3	5	4	3	9	11	9	7	5	17	22	24	26	28	38	42	26	10	8	14
30	7	7	4	3	4	21	48	77	50	35	40	31	27	29	32	36	43	36	31	28	28	27	28	19	29
31	12	12	12	13	18	36	55	66	50	44	44	****	****	34	44	49	35	30	16	13	10	11	11	10	28
MEAN	12	11	9	8	8	13	20	22	17	16	17	15	15	15	18	20	20	19	18	19	19	18	16	14	15.8

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	7	5	5	4	4	7	9	41	44	43	38	36	32	34	40	40	38	38	38	33	30	29	25	26
2	15	9	11	12	15	28	41	45	32	27	****	****	****	5	5	5	5	4	4	6	9	8	12	19	15
3	16	12	13	14	13	12	22	21	34	24	26	23	27	26	28	25	16	7	4	6	11	13	14	19	18
4	19	17	9	9	7	11	10	5	5	8	12	16	16	15	15	15	15	18	15	6	6	7	7	7	11
5	7	6	5	5	5	3	3	3	3	3	3	2	3	3	3	2	3	3	3	3	4	6	5	5	4
6	4	3	2	1	1	1	1	1	1	2	2	1	2	2	2	2	2	1	1	2	5	5	8	6	2
7	6	15	10	11	22	30	42	33	24	22	20	20	****	20	20	27	34	19	8	8	6	6	5	3	18
8	3	2	6	6	8	12	7	7	6	4	****	****	4	5	3	2	2	2	2	1	2	5	4	2	4
9	2	2	3	1	1	32	57	40	27	21	21	17	20	****	26	27	28	29	27	25	22	20	20	19	21
10	13	9	7	5	9	24	39	41	27	15	8	3	****	4	3	4	4	3	2	3	4	3	3	3	10
11	3	2	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
12	2	2	1	1	1	1	5	9	9	11	12	11	11	11	9	12	15	15	21	28	36	39	38	32	14
13	23	19	16	11	9	12	22	81	41	29	27	29	23	****	19	24	30	22	11	7	7	****	****	****	23
14	4	4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	****	****	****	****	****	******
15	- OATA INVALIO -																								
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	26	28	28	29	32	33	33	32	15	9	******
17	6	8	5	6	8	11	18	28	30	27	34	34	16	9	24	39	34	34	35	28	22	23	23	9	21
18	15	14	7	5	5	10	18	26	25	26	31	34	37	37	30	26	16	32	37	28	17	15	14	13	22
19	14	13	11	8	5	4	4	3	3	2	3	3	3	2	2	10	19	19	20	24	17	10	5	4	9
20	5	7	6	4	4	7	17	10	8	10	18	27	27	30	30	27	29	29	35	38	40	45	36	12	21
21	10	11	10	19	15	16	17	10	-	7	7	6	24	24	27	27	36	29	29	16	18	18	9	7	17
22	9	10	3	2	12	37	57	46	35	30	28	26	23	25	27	30	29	27	27	23	24	24	18	15	24
23	15	12	12	12	16	31	46	45	40	36	43	46	42	-	33	32	33	32	37	36	35	35	34	33	32
24	23	11	14	13	15	30	44	47	36	34	31	31	31	29	28	29	28	26	33	30	28	25	24	24	28
25	20	8	5	4	4	4	4	4	2	2	2	2	4	5	12	11	7	7	7	5	4	3	4	4	6
26	4	4	2	1	1	4	5	4	9	11	12	13	13	17	20	17	23	24	29	29	31	19	10	11	13
27	13	11	5	4	2	3	5	17	24	27	-	26	26	28	23	28	28	22	18	17	23	24	24	25	18
28	19	18	19	22	18	54	65	62	45	36	34	30	30	28	28	38	37	34	31	30	27	27	22	17	32
29	13	11	11	11	13	26	36	34	33	28	28	30	28	29	33	36	24	12	13	15	21	21	23	23	23
30	17	17	16	17	22	37	50	41	27	21	16	13	7	-	-	-	-	-	-	-	-	-	-	-	******
31	- OATA UNAVAILABLE -																								
MEAN	11	9	8	8	9	16	24	25	22	19	19	19	19	17	19	21	21	19	19	18	18	18	16	13	16.9

PERCENTAGE OF OATA VALIO - 85.2 PERCENTAGE OF OATA INVALIO - 9.5 PERCENTAGE OF OATA UNAVAILABLE - 5.2

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	25	24	24	24	27	37	50	32	24	18	19	21	18	15	15	18	22	25	25	23	25	21	13	11	23
2	9	7	8	9	8	7	8	9	14	15	14	17	19	24	22	20	20	21	22	17	14	10	17	15	14
3	11	8	6	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3
4	1	1	1	1	1	3	4	9	27	28	17	17	21	-	-	32	29	32	33	31	33	36	31	28	19
5	17	14	9	5	5	21	48	51	36	29	23	22	24	23	23	28	33	36	32	28	32	31	11	11	25
6	19	9	6	7	7	24	23	12	10	9	7	7	5	-	4	5	6	5	4	4	4	4	3	3	8
7	2	3	3	2	1	2	3	3	2	1	1	2	2	2	2	2	3	3	2	2	2	1	1	1	2
8	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	2	2	3	5	1
9	7	11	7	5	4	5	6	3	5	7	5	12	13	13	15	15	17	21	19	30	31	32	28	23	14
10	16	10	10	10	16	29	35	39	16	14	-	14	16	16	12	7	6	4	3	3	2	3	3	4	13
11	1	1	4	4	20	17	16	14	5	2	2	3	4	2	22	-	31	33	33	41	45	42	54	42	19
12	45	33	23	19	25	35	94	69	33	26	24	22	22	-	27	30	32	30	33	28	25	25	21	15	32
13	12	12	12	17	19	45	64	44	25	23	22	22	23	23	28	27	23	26	34	25	18	16	13	9	24
14	7	6	7	9	14	11	7	4	4	4	2	3	3	2	2	1	1	1	2	4	3	2	1	2	4
15	1	2	1	1	1	2	6	5	1	1	1	1	1	1	1	1	1	1	2	2	2	2	5	11	2
16	15	7	3	2	1	2	3	9	16	10	5	9	15	13	16	10	1	5	11	20	10	12	12	9	9
17	6	3	2	8	9	23	31	30	24	16	7	6	8	9	16	22	17	14	19	17	14	10	8	4	13
18	6	5	4	5	10	31	59	44	18	13	13	9	9	-	-	4	2	2	2	-	2	2	1	1	12
19	1	0	1	0	1	2	2	2	2	2	1	2	1	1	2	2	2	-	6	5	5	8	8	9	3
20	9	12	8	17	23	26	55	49	48	33	28	19	17	-	-	23	-	14	20	22	11	19	22	27	24
21	16	18	18	16	20	37	54	43	32	21	12	5	3	2	2	2	4	4	4	3	-	2	3	2	14
22	2	2	2	2	2	4	3	2	2	2	2	2	2	2	1	1	1	2	3	2	2	2	3	2	2
23	2	2	1	1	1	1	2	2	9	12	12	10	14	10	13	19	24	27	43	47	48	42	32	22	17
24	13	9	8	7	8	14	32	80	56	28	-	24	27	23	26	26	34	37	39	38	40	39	31	22	29
25	23	22	32	35	38	52	64	50	46	36	28	26	25	25	27	23	3	3	4	5	5	9	14	20	26
26	5	3	1	1	2	4	10	11	6	3	2	1	-	8	14	6	2	8	19	12	24	20	21	22	9
27	24	16	18	20	18	23	32	71	60	38	32	33	32	28	28	28	27	31	36	37	39	44	45	34	33
28	26	28	26	11	16	32	48	51	43	36	32	31	32	38	40	39	32	33	40	45	37	24	24	12	32
29	8	9	11	8	13	10	18	10	13	18	20	20	20	16	15	19	26	31	29	30	32	32	36	19	19
30	30	28	10	8	8	8	13	16	18	15	12	18	18	18	18	17	18	21	13	35	12	3	2	1	15
MEAN	12	10	9	9	11	17	26	26	20	15	12	13	14	13	15	15	14	16	18	19	18	17	16	13	15.3

PERCENTAGE OF OATA VALIO - 97.8 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 2.2

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	1	2	5	5	5	2	4	11	9	-	32	43	37	40	38	22	34	23	9	8	15
2	10	8	2	1	2	2	6	9	13	14	36	28	30	35	35	36	31	28	27	24	20	16	11	9	18
3	6	5	5	5	9	25	31	26	38	36	35	32	32	25	21	15	7	11	10	5	8	12	16	8	18
4	2	1	1	1	1	31	53	54	41	34	48	23	9	-	-	6	5	6	5	5	6	7	7	7	16
5	5	3	8	7	1	-	8	10	17	13	23	27	17	5	3	5	8	7	4	4	2	1	3	1	8
6	1	1	3	3	3	6	13	13	14	8	16	21	23	21	20	20	16	19	16	12	10	13	15	12	12
7	10	7	4	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2
8	2	-	2	3	3	3	5	5	2	1	1	1	1	12	4	6	5	16	38	37	24	29	19	12	10
9	7	4	4	5	3	1	3	4	3	3	-	-	3	-	-	2	4	3	8	10	9	9	13	15	6
10	15	13	-	22	35	-	39	61	63	39	35	33	32	37	41	44	46	28	9	16	9	7	14	6	29
11	8	7	7	16	12	24	28	19	19	33	25	28	29	35	-	-	-	33	31	26	25	16	10	8	21
12	6	3	2	3	10	20	30	34	16	-	13	9	7	10	17	14	19	37	34	19	2	3	2	2	14
13	6	3	2	4	4	4	8	11	11	7	2	1	1	1	1	2	2	3	3	2	1	2	3	6	4
14	7	5	3	1	3	4	3	2	2	1	1	1	1	1	1	1	1	2	2	5	13	12	7	6	4
15	5	3	3	3	4	12	11	-	23	-	21	18	10	-	-	-	-	-	-	-	-	-	-	-	******
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	56	52	50	53	59	57	47	34	******
19	24	13	7	5	3	15	33	39	33	30	-	39	42	39	49	-	-	40	39	31	24	20	20	22	27
20	24	24	19	17	15	20	38	44	39	29	36	38	42	44	44	46	48	42	45	34	36	33	36	36	35
21	41	35	28	23	21	22	24	27	30	30	26	33	42	50	53	60	63	67	62	63	67	74	77	63	45
22	46	39	39	36	41	63	84	92	79	64	-	-	-	-	-	26	30	34	23	18	21	21	21	10	41
23	5	3	3	4	9	19	31	37	38	24	11	11	18	16	9	16	13	11	12	12	12	15	12	9	15
24	5	4	2	1	1	6	10	12	10	9	11	9	3	1	1	2	2	1	1	1	-	-	-	-	5
25	-	-	-	-	-	1	5	6	4	1	1	1	1	-	2	4	3	2	2	2	3	5	3	4	3
26	4	3	4	3	3	5	6	7	7	5	5	4	2	-	2	2	3	2	2	2	3	3	2	3	4
27	2	2	2	1	1	2	15	37	29	22	15	24	26	31	34	33	25	27	21	19	11	9	11	11	17
28	11	11	7	5	4	4	6	8	6	6	4	3	3	2	2	2	6	8	3	2	2	2	1	1	5
29	1	1	1	1	-	-	2	2	4	2	2	-	-	3	3	4	6	6	6	5	5	4	8	29	5
30	23	14	9	8	10	15	40	60	43	43	42	33	30	33	34	34	43	52	57	42	27	16	15	13	31
31	8	5	4	3	4	6	25	46	47	38	31	28	25	27	30	34	38	39	32	25	25	35	34	18	25
MEAN	11	8	7	7	8	13	20	25	23	19	18	18	17	20	19	19	20	22	21	18	17	17	15	13	16.4

PERCENTAGE OF DATA VALID - 84.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 15.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	16	19	16	12	13	23	55	80	70	46	33	28	29	-	-	64	67	34	40	35	26	17	6	8	34
2	5	3	3	4	4	3	9	24	27	13	4	8	17	11	11	18	27	21	25	30	16	5	5	4	12
3	7	9	15	19	16	15	23	31	35	30	16	12	24	26	9	10	10	10	4	5	6	4	7	-	15
4	7	5	3	1	2	2	4	5	3	2	2	2	2	2	2	3	6	5	7	28	55	44	27	42	11
5	38	34	34	26	28	59	94	-	89	47	33	29	28	26	-	-	57	64	48	35	35	42	49	46	45
6	21	17	13	10	10	35	40	62	89	83	44	63	62	60	58	77	70	59	51	41	32	18	14	9	43
7	6	2	1	1	1	0	1	3	4	2	2	2	1	2	2	2	3	4	6	3	5	4	7	3	3
8	15	14	11	9	6	-	-	29	30	24	20	22	-	18	13	15	19	6	7	10	8	11	5	9	14
9	18	14	32	36	34	40	38	39	-	-	68	59	49	40	36	46	40	32	38	-	21	17	22	25	35
10	17	5	4	1	1	1	1	2	2	1	1	1	2	2	3	3	4	4	5	3	2	2	2	1	3
11	2	2	-	1	1	1	10	21	18	20	14	8	-	2	2	2	2	2	4	6	12	9	14	13	8
12	6	1	1	-	3	2	4	9	10	6	4	4	3	6	9	42	56	53	45	32	42	38	33	29	19
13	19	18	15	16	7	3	6	9	11	7	4	3	3	2	-	-	5	13	22	16	11	5	4	6	9
14	3	3	2	3	4	4	6	8	12	5	3	2	2	2	3	5	6	9	8	5	4	6	10	15	5
15	15	25	21	16	12	18	46	70	64	52	43	32	31	-	29	17	10	10	11	10	7	2	1	1	24
16	0	0	0	1	1	3	8	16	14	8	6	13	8	9	9	14	25	31	25	27	14	8	8	7	11
17	5	5	3	2	1	2	2	5	12	12	6	3	3	4	4	4	5	9	9	18	33	53	62	40	13
18	53	43	33	22	17	19	19	57	44	39	29	20	21	25	27	29	34	32	31	30	26	28	28	22	30
19	11	6	4	4	6	9	31	59	55	49	43	43	41	36	-	58	65	47	47	37	30	33	33	37	34
20	20	12	11	15	22	28	37	67	49	14	5	6	5	5	5	5	5	6	5	3	3	1	2	1	14
21	1	0	0	0	1	13	32	62	62	42	34	32	28	-	27	32	29	-	20	16	16	16	17	19	23
22	15	15	10	13	16	19	41	52	47	46	44	45	35	42	48	48	42	34	35	31	25	25	30	29	33
23	-	14	10	10	12	12	30	47	52	46	35	37	34	35	37	47	45	47	26	31	52	49	-	47	34
24	41	42	17	3	2	2	2	3	3	3	-	2	3	5	7	8	12	23	36	27	16	-	24	28	14
25	34	40	35	42	45	24	31	35	31	28	20	19	21	18	13	13	13	13	15	14	11	10	10	8	23
26	5	3	3	4	4	8	22	36	35	28	22	19	14	8	-	-	10	8	5	4	4	4	4	3	12
27	2	1	1	1	1	2	12	18	20	12	11	9	11	10	9	12	29	34	26	19	9	9	29	12	12
28	15	11	6	6	7	11	9	3	3	2	1	1	2	2	3	4	11	7	6	7	5	3	4	1	5
29	1	1	1	-	1	2	5	4	5	2	1	1	1	1	-	3	-	-	10	9	4	8	6	5	4
30	6	6	5	4	4	4	6	13	16	11	8	3	2	5	5	5	6	7	11	10	12	12	7	7	7
MEAN	14	12	11	10	9	13	22	30	31	23	19	18	17	15	15	22	25	22	21	19	18	17	16	16	18.1

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	4	8	9	11	12	13	23	17	18	23	23	14	10	-	5	3	2	2	3	3	2	2	10
2	2	2	2	2	2	4	2	2	2	2	1	1	1	1	1	2	5	10	13	8	9	18	12	25	5
3	16	12	11	9	11	15	22	49	50	29	15	-	14	16	19	19	-	25	21	16	8	5	4	4	18
4	3	3	2	3	5	7	11	18	25	20	9	3	1	1	2	3	4	5	3	3	10	17	13	16	8
5	16	10	11	10	7	6	17	37	43	34	31	32	29	16	10	16	15	14	17	14	13	11	12	13	18
6	8	5	4	3	4	6	16	36	32	27	16	19	21	14	15	8	7	8	7	9	6	6	12	11	13
7	10	7	8	10	7	12	37	72	69	44	23	19	20	20	23	30	33	31	20	15	11	10	5	4	23
8	3	1	0	0	0	0	1	3	3	2	2	1	1	1	1	1	3	4	-	4	3	2	3	3	2
9	5	10	4	2	3	2	3	5	7	7	7	13	10	12	15	11	10	9	7	7	3	2	1	1	7
10	1	2	2	7	9	11	14	47	69	71	42	-	31	34	31	35	40	38	31	27	31	37	28	17	28
11	9	7	6	3	3	5	13	27	30	26	21	17	17	18	18	28	30	25	18	15	14	11	7	5	16
12	4	3	3	2	3	5	7	2	5	4	2	2	1	1	1	1	3	3	3	3	2	2	2	1	3
13	1	1	2	3	4	6	19	28	32	19	24	-	19	7	4	30	10	18	30	22	22	16	3	1	14
14	1	1	3	3	11	11	11	15	14	7	3	3	1	-	-	3	3	3	3	4	3	1	4	4	5
15	7	15	20	11	9	10	21	35	39	24	20	18	17	17	20	23	26	36	48	33	30	24	15	14	22
16	15	18	14	9	5	5	6	8	9	9	11	12	12	7	4	1	1	2	2	3	3	3	3	3	7
17	3	3	3	4	3	4	5	9	14	14	23	-	9	5	5	4	4	6	5	5	4	3	4	3	6
18	4	2	1	1	1	2	2	3	4	3	3	2	3	3	3	15	34	21	41	35	32	28	25	25	12
19	13	7	8	9	8	11	14	15	14	14	17	17	16	20	22	24	23	12	18	22	19	19	18	9	15
20	16	7	6	7	7	7	10	25	30	24	29	31	34	45	46	53	63	78	86	44	39	36	63	90	37
21	84	-	85	43	19	28	58	-	-	-	58	42	39	41	46	48	58	57	68	68	49	44	31	26	50
22	22	24	16	11	6	6	11	12	15	20	24	28	32	34	39	42	43	35	36	37	33	28	29	30	26
23	25	25	25	19	12	10	11	11	15	21	27	30	26	31	34	41	28	14	18	21	12	30	44	38	24
24	41	17	16	25	25	29	35	26	22	21	18	19	18	16	17	16	17	15	16	16	13	16	11	11	20
25	4	4	3	3	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
26	0	0	0	0	0	2	2	1	1	2	2	3	1	1	2	3	3	1	1	1	1	2	3	1	1
27	1	2	1	0	1	1	1	2	3	2	-	-	1	2	2	3	5	3	2	2	1	1	1	1	2
28	1	1	1	0	0	0	1	3	4	5	2	2	3	2	3	3	3	3	4	5	5	7	8	4	3
29	3	5	3	3	3	5	5	4	5	4	3	3	3	4	3	4	5	5	3	4	3	3	3	3	4
30	2	1	2	2	1	1	1	3	3	1	1	1	1	1	1	1	3	7	5	3	3	4	2	4	2
31	9	26	36	20	19	14	8	9	11	7	11	14	6	3	3	3	14	31	40	48	41	30	24	-	19
MEAN	11	8	10	7	6	8	12	17	20	16	15	14	13	13	13	16	17	17	19	16	14	14	13	12	13.3

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	8.5	26	68
FEB	28	12.5	33	76
MAR	30	14.5	35	63
APR	30	13.7	33	71
MAY	31	16.3	37	77
JUN	30	16.7	34	58
JUL	31	15.8	36	77
AUG	26	16.9	32	81
SEP	30	15.3	33	94
OCT	27	16.4	45	92
NOV	30	18.1	45	94
DEC	31	13.3	50	90
YEAR	355	14.8	50	94

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	374	153	120	48	18	2	3	718
FEB	300	95	112	68	40	21	14	650
MAR	287	98	111	102	66	36	14	714
APR	322	92	88	95	64	30	10	701
MAY	209	98	160	159	73	16	14	729
JUN	182	83	139	209	60	14	5	692
JUL	211	109	172	118	74	33	9	726
AUG	175	82	136	139	76	20	6	634
SEP	253	86	140	113	73	24	15	704
OCT	238	91	93	72	78	31	27	630
NOV	223	108	124	74	70	47	43	689
DEC	324	86	152	77	46	25	18	728
YEAR	3098	1181	1547	1274	738	299	178	8315

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99		
94.9	0	1.1	3.5	9.4	20.0	34.1	41.5	51.0	60.4	94	14.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	6	4	2	3	5	6	6	5	4	4	4	4	4	5	5	4	3	2	1	2	3	3	2	4
2	1	2	2	1	1	1	2	3	4	3	2	2	2	-	2	3	5	5	4	3	3	2	2	2	2
3	2	2	2	1	2	2	2	2	3	3	2	2	3	2	2	2	2	2	2	1	1	1	1	1	2
4	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	2	2	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	3	3	4	7	8	8	11	6	5	3
6	4	4	5	5	6	6	6	5	6	5	4	3	2	2	2	2	3	3	2	1	1	1	1	2	3
7	2	2	2	4	6	6	4	4	4	5	5	3	5	6	6	6	5	4	5	5	4	5	5	4	4
8	3	4	4	6	4	6	10	12	9	8	6	3	3	3	3	3	3	4	4	3	2	2	2	2	5
9	2	1	2	2	2	1	1	1	1	1	1	1	3	3	-	3	4	4	3	3	4	5	5	6	3
10	5	5	4	4	4	2	2	6	6	5	3	2	2	3	1	2	4	5	7	13	19	7	5	4	5
11	4	5	10	10	10	13	28	40	62	45	10	4	3	3	2	3	5	14	31	44	31	34	30	31	20
12	33	17	12	15	15	16	2*	24	25	29	23	4	3	3	4	6	7	10	14	26	40	69	63	46	22
13	37	30	21	13	9	7	6	6	6	6	7	7	7	6	6	7	7	6	4	4	4	4	4	5	9
14	6	6	6	6	5	5	4	4	5	3	2	2	2	2	2	2	3	4	5	3	3	3	3	3	4
15	1	1	1	1	1	1	1	2	2	1	2	3	3	-	2	2	3	3	2	2	2	2	1	1	2
16	2	2	2	2	2	2	2	6	7	8	5	4	3	3	3	4	7	15	19	12	10	12	17	28	7
17	33	16	14	21	24	18	5	5	6	5	5	5	6	8	8	8	10	14	14	6	3	1	2	1	10
18	1	1	1	1	1	1	1	4	6	3	2	2	2	2	2	2	3	5	5	5	5	5	5	7	3
19	11	8	6	4	4	7	13	21	21	24	23	21	32	-	20	7	6	6	11	10	10	11	11	9	13
20	8	7	6	5	5	4	4	6	9	7	6	6	7	9	12	9	11	9	10	9	10	9	6	5	7
21	5	4	4	4	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3
22	4	3	3	2	2	3	3	5	5	4	3	3	3	3	3	3	3	6	3	4	3	3	3	3	3
23	2	1	1	1	1	1	1	2	3	3	4	4	2	3	4	3	5	6	6	6	5	6	5	5	3
24	5	4	3	3	3	4	5	7	6	5	4	4	5	5	5	5	5	5	4	4	4	4	4	3	4
25	3	3	3	4	2	3	3	4	5	6	5	5	3	3	3	3	3	4	3	3	3	3	4	3	4
26	2	2	2	2	2	2	3	4	5	3	3	4	3	2	3	3	4	3	3	3	3	3	4	3	3
27	3	3	3	2	2	2	3	4	5	4	4	4	6	6	6	10	11	11	8	8	9	7	5	5	5
28	7	6	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	3
29	1	1	1	1	1	1	2	3	3	3	2	2	-	-	2	2	3	3	3	3	2	2	2	1	2
30	1	2	3	2	1	1	2	5	7	3	2	2	2	3	3	3	4	4	4	4	1	2	2	2	3
31	2	3	2	2	1	2	3	5	5	-	-	4	2	2	2	3	3	3	3	2	3	3	3	1	3
MEAN	6	5	4	4	4	4	5	7	8	7	5	4	4	3	4	4	5	6	6	7	6	7	7	6	5.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES 8RANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - FE8 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	3	3	3	2	3	2	2	3	3	3	2	3	3	2	1	3	3	2
2	3	2	1	1	1	1	3	5	7	4	2	2	2	2	2	-	5	6	10	6	8	11	17	13	5
3	19	16	19	11	10	16	16	19	19	21	18	16	6	3	2	3	3	4	4	4	6	6	5	7	11
4	8	9	7	7	4	4	4	4	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3
5	1	2	2	2	2	3	3	5	6	4	3	2	2	2	-	2	3	3	6	9	3	1	3	2	3
6	2	3	3	3	4	6	14	28	48	35	22	18	8	2	3	4	6	6	6	11	14	12	17	22	12
7	47	49	44	33	28	28	24	13	9	5	3	5	3	4	5	5	6	7	6	9	10	10	10	6	15
8	6	6	3	2	2	2	3	4	5	3	3	3	2	-	2	3	3	4	4	5	5	4	2	1	3
9	1	1	1	1	1	1	2	4	4	3	2	2	2	2	2	3	4	8	15	15	15	7	13	9	5
10	6	3	3	3	4	6	7	12	22	12	9	5	3	2	1	1	1	1	2	2	2	2	2	2	5
11	4	3	4	3	3	2	4	4	3	3	3	3	3	3	5	5	3	4	6	13	34	34	32	18	8
12	14	13	11	13	11	7	12	18	31	24	19	16	13	-	11	11	12	12	11	5	2	4	4	3	12
13	2	2	2	2	1	2	2	4	4	3	8	3	2	2	2	2	3	4	6	7	5	4	6	6	4
14	5	4	3	4	5	4	7	7	8	9	9	10	8	9	9	8	8	5	4	6	9	8	7	5	7
15	3	4	3	3	2	2	4	6	7	7	5	3	3	3	3	4	4	4	3	4	4	4	4	3	4
16	3	2	1	1	1	1	4	5	5	3	3	2	1	2	2	3	3	2	2	2	2	1	1	1	2
17	1	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1	2	2	6	5	4	3	4	5	2
18	6	5	6	4	4	4	7	9	10	8	3	2	2	3	3	2	3	2	4	3	2	3	2	2	4
19	2	2	4	9	7	7	7	13	16	9	6	9	-	-	-	-	-	-	-	-	-	-	-	-	******
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	4	6	7	8	5	5	6	5	******
28	6	5	5	5	5	5	5	6	15	36	19	10	4	7	-	-	-	-	21	36	39	40	43	37	17
MEAN	7	7	6	5	5	5	7	9	11	10	7	6	4	3	3	4	4	4	6	8	9	8	9	8	6.5

PERCENTAGE OF OATA VALIO - 70.2 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 29.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES 8RANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	46	31	10	9	7	5	7	10	9	8	4	5	5	-	7	8	9	11	12	12	15	17	9	4	11
2	3	3	3	5	4	5	7	9	-	-	-	-	-	-	-	-	-	-	****	7	7	9	8	10	******
3	9	4	2	2	2	2	4	5	7	6	7	7	6	5	7	8	8	7	10	7	6	7	6	5	6
4	4	3	2	2	3	3	2	2	2	3	4	3	4	4	5	6	11	13	12	10	7	9	8	8	5
5	6	4	8	3	1	2	1	1	2	1	0	1	****	1	2	2	1	4	3	4	5	4	3	6	3
6	5	5	5	5	5	5	5	6	5	8	6	6	3	2	2	2	2	3	2	1	1	2	2	2	4
7	2	1	4	5	4	4	14	41	57	31	7	4	3	3	4	5	6	10	10	12	17	20	22	44	14
8	42	27	8	3	3	3	6	14	16	10	4	3	3	4	3	3	4	6	5	4	3	3	3	3	8
9	2	3	4	4	4	5	9	22	27	25	7	10	6	3	6	7	11	8	6	10	13	14	10	8	9
10	7	7	4	3	3	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
11	3	3	2	1	1	1	2	3	2	1	0	0	1	1	1	1	1	2	3	3	3	3	3	3	2
12	2	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1	2	2	3	3	4	4	4	9	3
13	14	8	6	4	4	4	4	5	5	5	5	6	5	4	4	4	4	3	3	2	2	2	2	2	4
14	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	2	1
15	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	3	3	3	2	2	2	2	1
16	2	3	3	3	3	3	2	2	2	2	2	1	2	2	2	2	3	3	4	6	6	7	5	8	3
17	13	12	9	7	7	7	5	6	7	6	5	4	4	6	7	9	11	10	9	10	15	15	11	14	9
18	23	24	20	13	8	6	6	12	9	7	6	6	7	7	6	5	5	5	5	7	11	12	6	7	9
19	4	4	4	4	8	12	13	22	15	7	5	4	4	4	4	6	6	9	7	7	11	24	22	29	10
20	31	22	12	7	6	8	8	15	16	13	7	4	5	5	2	7	7	8	6	11	18	17	9	8	11
21	8	4	2	3	4	4	5	14	30	27	18	8	5	4	4	5	7	7	5	6	14	33	37	41	12
22	35	19	10	8	4	3	4	7	8	11	13	10	11	9	9	8	6	7	7	10	14	18	19	19	11
23	34	39	29	22	16	14	17	31	41	22	12	8	7	****	5	7	9	16	18	12	6	6	4	4	16
24	4	6	4	4	3	3	2	3	3	3	4	5	7	10	13	14	7	7	11	15	12	8	6	6	7
25	3	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	3	3	3	2	2	1	2
26	2	2	2	2	2	2	2	2	3	3	2	2	1	1	1	1	2	2	2	2	2	3	3	3	2
27	2	2	2	2	2	1	3	3	3	2	1	1	****	****	2	2	2	2	3	4	4	5	5	6	3
28	5	5	5	4	3	4	7	10	9	7	5	5	4	4	4	4	6	7	8	7	9	5	7	6	6
29	4	4	5	5	6	6	4	4	5	5	5	5	6	6	5	6	6	7	9	11	12	13	13	10	7
30	8	6	3	2	2	3	4	7	10	14	17	18	15	-	10	11	15	12	14	42	53	53	29	16	16
31	3	2	3	7	8	10	3	4	4	4	4	2	2	2	3	2	2	2	1	1	1	1	1	1	3
MEAN	11	8	6	5	4	4	5	9	10	8	5	5	4	4	4	5	5	6	6	8	9	10	9	9	6.7

PERCENTAGE OF OATA VALIO - 97.7 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 1.6

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	3	3	3	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	2	5	11	14	16	21	10	6	6	7	7	3	3	3	3	3	3	1	5
3	1	1	1	1	1	1	2	3	2	1	1	1	1	2	2	2	3	4	5	4	6	6	12	13	3
4	11	8	8	6	5	6	11	17	14	7	5	4	2	2	****	****	4	4	3	1	1	1	1	1	6
5	4	2	2	2	1	1	2	3	2	2	2	2	1	1	1	1	2	2	2	5	4	3	2	2	2
6	2	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	2	2	2	2	1	1	1	2	1
7	1	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	4	3	2	1	5	2
8	5	5	4	2	3	3	3	3	3	3	2	2	1	2	3	4	4	4	4	4	4	4	4	4	3
9	2	1	1	1	1	1	2	3	5	4	3	3	3	3	3	3	3	5	4	5	9	9	10	11	4
10	4	1	1	1	1	2	4	5	4	3	2	1	1	****	2	3	4	5	8	7	12	7	9	9	4
11	10	9	5	5	5	7	19	15	8	5	4	4	3	3	3	4	6	7	8	11	10	6	7	6	7
12	6	4	4	3	2	2	2	4	5	4	4	4	5	5	****	5	6	7	6	6	4	3	3	2	4
13	2	1	1	2	1	1	1	1	1	1	1	3	3	3	3	4	4	5	5	5	3	2	2	2	2
14	2	2	2	1	1	1	1	1	1	2	2	1	1	2	2	4	7	10	12	11	12	16	12	3	5
15	5	5	2	1	1	2	2	1	1	1	0	1	1	1	1	1	1	1	3	2	3	3	2	1	2
16	1	2	2	1	1	2	3	3	3	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
17	1	1	1	1	3	2	2	5	3	1	1	2	2	2	2	3	3	3	3	5	6	4	4	4	3
18	3	4	3	2	2	2	2	3	2	1	1	2	2	-	****	2	3	4	3	3	4	5	3	3	3
19	2	2	2	1	2	3	6	6	3	2	2	2	2	2	2	2	2	3	4	5	5	5	4	3	3
20	3	2	2	2	4	4	8	18	25	11	5	11	****	9	10	7	7	7	8	14	17	15	27	34	11
21	24	25	29	31	32	27	19	11	8	8	9	7	5	5	6	6	7	10	9	13	11	15	20	14	15
22	15	15	7	9	5	2	2	2	2	2	2	2	2	2	2	3	4	5	6	7	9	6	5	5	5
23	7	3	3	3	2	4	10	8	7	9	11	7	5	6	7	7	7	11	12	16	19	18	8	10	8
24	12	8	4	6	4	7	5	12	33	36	19	14	9	****	10	12	12	10	9	9	9	7	7	11	12
25	13	10	16	11	9	4	4	6	13	11	17	18	13	8	11	9	12	19	12	11	10	11	11	10	11
26	11	15	11	8	9	6	5	9	7	5	3	2	2	2	3	3	6	9	9	6	4	3	3	4	6
27	6	4	3	0	1	1	1	3	2	2	3	3	****	3	3	3	4	3	3	3	3	3	3	3	3
28	3	2	1	1	1	1	1	3	3	3	5	5	5	5	10	5	5	4	7	7	10	12	9	6	5
29	4	3	3	3	1	2	2	1	1	1	1	1	2	2	4	4	3	4	4	5	6	7	6	7	3
30	5	7	6	5	4	6	12	11	8	7	8	8	8	4	6	7	3	3	3	4	4	2	2	1	6
MEAN	6	5	4	4	4	3	5	6	6	5	4	5	3	3	4	4	5	5	5	6	7	6	6	6	4.9

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	3	3	3	2	2	1	2	****	1	2	3	2	1	3	7	9	8	4	5	3
2	7	7	7	7	5	11	14	18	5	6	5	9	5	4	5	4	5	9	12	13	13	6	5	5	8
3	3	3	4	4	2	3	6	8	8	8	9	9	11	9	11	17	20	15	4	3	1	1	1	1	7
4	1	1	1	1	3	4	4	3	3	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	2
5	3	2	1	1	2	3	3	1	1	0	0	0	3	3	3	4	4	4	4	3	2	1	1	2	2
6	4	4	4	2	1	2	2	2	2	1	2	2	3	4	4	4	5	4	2	2	2	0	0	0	2
7	2	2	2	2	2	3	4	4	3	3	3	3	3	2	2	3	2	2	2	1	3	3	2	2	3
8	1	2	5	7	5	14	22	27	25	12	8	****	****	6	6	6	6	6	11	19	15	14	17	14	11
9	10	7	4	4	10	16	23	29	16	8	1	0	1	1	2	2	2	2	1	1	1	1	6	13	7
10	6	6	5	3	8	8	18	16	5	3	4	4	****	3	5	4	5	7	10	13	8	9	7	8	7
11	8	11	7	5	3	5	8	15	9	9	7	8	6	7	7	6	7	3	5	8	8	7	7	8	7
12	8	7	6	6	1	3	4	4	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
13	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	1	2	2	10	12	4	2
14	5	5	3	2	2	5	3	3	2	4	4	2	2	2	2	2	2	2	3	2	5	5	6	6	3
15	6	3	1	1	1	4	5	6	4	4	2	1	****	2	3	4	4	4	5	5	2	2	2	2	3
16	2	1	1	1	2	4	4	3	2	2	1	1	1	1	1	1	1	1	1	3	3	7	7	12	3
17	7	6	10	12	10	23	28	22	17	11	4	3	5	3	2	4	6	6	4	5	6	7	7	4	9
18	4	5	14	13	12	14	21	19	17	9	9	12	10	8	5	6	3	4	6	7	7	11	20	32	11
19	32	26	19	12	10	13	10	5	3	3	2	1	2	2	2	3	4	4	4	7	7	7	10	12	8
20	8	8	7	3	2	2	2	1	1	1	1	2	2	2	2	2	2	3	3	3	6	11	14	9	4
21	7	3	4	2	4	2	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	1	1	2	1
22	3	2	1	1	2	5	6	8	5	3	3	1	1	1	1	1	1	1	2	3	4	6	6	3	3
23	2	2	2	3	4	13	10	8	5	4	5	****	6	6	5	5	4	4	6	8	8	6	4	3	5
24	1	1	1	1	1	5	7	4	3	2	2	1	1	2	3	4	5	4	4	5	4	6	7	1	3
25	0	0	0	0	-	****	3	4	3	3	3	3	4	4	3	3	3	3	3	3	3	4	3	3	3
26	2	1	1	1	2	2	2	2	2	3	4	5	3	3	2	2	3	3	2	2	4	4	1	1	2
27	1	1	1	0	0	0	0	0	0	2	2	1	2	3	3	4	4	2	5	5	6	8	13	11	3
28	7	5	5	3	3	5	2	4	3	2	3	4	3	3	2	6	7	5	6	4	5	5	4	4	4
29	6	6	4	5	6	7	10	14	8	5	4	2	****	4	3	3	3	4	2	2	4	9	10	10	6
30	9	12	5	3	2	6	7	9	8	3	1	1	3	4	5	4	5	3	3	5	5	7	8	22	6
31	17	12	10	7	7	13	24	21	21	7	4	3	****	3	3	2	2	2	3	7	9	11	15	34	10
MEAN	6	5	4	4	4	7	8	9	6	4	3	3	3	3	3	4	4	4	4	5	5	6	7	8	4.9

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	26	21	11	10	10	13	23	6	4	3	3	****	-	-	3	5	5	5	5	7	9	6	7	19	10
2	21	12	8	2	1	1	1	1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	3
3	2	1	1	2	2	3	3	1	1	2	2	0	0	0	0	0	0	0	0	1	2	10	9	11	2
4	12	14	7	2	2	4	4	6	7	7	5	3	2	2	2	3	2	1	2	3	4	1	1	4	4
5	1	1	1	1	1	2	5	3	2	3	1	-	1	1	1	1	1	1	1	1	2	2	****	****	2
6	1	3	3	4	6	10	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	6	5	4	4
7	4	5	5	5	5	13	18	21	16	11	8	8	5	5	5	4	5	6	7	7	4	7	12	12	8
8	13	11	3	4	5	7	6	7	8	6	2	****	15	0	0	0	0	0	0	2	2	2	5	4	4
9	7	5	7	8	4	7	11	11	7	2	2	2	2	1	2	3	2	3	3	3	3	3	4	7	5
10	7	6	5	3	3	2	2	2	2	3	2	2	2	2	2	2	2	2	1	0	1	0	0	0	2
11	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	1	1	-	-	1	7	11	9	5	2
12	1	1	1	1	2	3	6	2	0	0	0	****	0	0	1	2	1	1	****	3	10	9	6	5	3
13	3	3	3	3	4	8	13	4	1	****	****	****	****	****	****	****	0	1	1	5	7	16	22	28	7
14	22	12	8	6	****	8	****	****	****	****	****	****	****	1	1	2	3	3	4	1	1	3	5	1	5
15	1	0	0	0	1	1	2	2	1	1	****	****	1	0	0	0	0	0	0	1	0	1	0	0	1
16	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	2	2	1	0	1	2	1
17	2	1	1	2	****	0	2	2	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	0	1
18	0	0	0	0	0	0	1	1	1	****	****	1	2	4	3	3	4	4	4	4	6	3	7	3	2
19	1	2	2	1	2	7	14	12	7	3	3	****	2	1	2	2	2	2	1	3	6	6	4	5	4
20	6	5	8	11	12	17	18	6	4	4	6	4	3	3	2	3	3	2	3	4	5	3	6	8	6
21	3	1	1	1	2	4	13	17	9	5	8	5	3	4	4	4	5	6	5	8	6	5	3	2	5
22	3	2	1	2	2	4	3	4	3	0	1	0	****	1	0	0	-	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	1	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0
25	0	0	0	0	1	2	4	6	4	2	3	1	0	0	0	5	-	11	1	2	3	4	12	23	4
26	20	18	11	9	11	19	39	38	18	8	4	****	3	4	****	5	5	4	1	1	2	1	2	3	10
27	1	0	0	0	0	1	1	2	2	1	1	0	1	1	1	2	2	0	0	2	3	5	5	4	1
28	3	2	1	0	2	3	13	6	3	2	3	6	3	3	3	5	5	3	3	6	6	5	9	9	4
29	9	7	8	6	4	4	10	14	7	5	6	****	3	4	5	4	7	6	6	6	7	7	8	-	7
30	4	2	2	1	2	2	2	3	4	3	3	4	3	3	2	-	2	3	3	4	4	3	3	3	3
MEAN	6	5	3	3	3	5	8	7	4	3	3	2	2	2	2	2	2	2	2	3	4	4	5	6	3.6

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF DATA INVALID - 4.6 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	2	2	3	3	6	5	2
2	4	4	5	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	3	3	2	1	2	1
3	1	1	1	1	1	4	6	2	2	1	****	0	0	0	0	0	1	1	1	1	2	2	5	6	2
4	7	3	1	2	4	6	13	8	4	0	0	****	****	0	0	0	0	1	0	1	1	1	1	1	2
5	3	2	0	0	1	1	1	1	0	1	0	****	0	0	0	0	0	0	1	3	9	8	3	3	2
6	3	1	2	4	3	7	10	6	2	0	0	0	****	0	0	0	1	1	1	1	2	4	3	3	2
7	3	3	1	2	2	5	11	6	6	5	4	3	3	3	3	2	2	2	3	5	4	2	2	3	4
8	6	8	4	3	3	4	7	3	1	1	2	4	1	0	1	2	2	3	3	4	4	6	5	14	4
9	21	19	12	8	6	14	21	20	10	7	7	11	5	4	4	5	8	8	8	6	8	8	8	5	10
10	3	4	3	2	2	3	6	7	4	8	6	-	4	2	4	4	1	1	1	1	2	1	2	2	3
11	2	2	2	2	1	4	7	5	4	4	3	4	8	9	6	5	4	5	6	2	4	9	8	7	5
12	8	7	8	5	5	12	12	9	5	2	2	2	2	4	5	5	4	3	3	4	7	11	12	13	6
13	13	7	7	7	6	11	20	21	11	9	5	5	3	****	2	4	2	2	3	5	6	6	11	25	8
14	23	10	5	6	4	5	10	13	4	3	4	3	4	4	4	4	2	4	3	4	4	2	3	3	5
15	6	8	6	5	5	5	3	3	3	2	3	4	4	2	1	1	2	3	3	6	6	9	4	7	4
16	7	8	9	6	6	15	15	12	4	2	1	1	3	****	3	4	2	1	2	1	1	1	1	1	5
17	1	1	1	0	1	3	5	-	4	3	1	2	****	3	2	3	5	5	2	2	2	2	2	****	2
18	0	0	0	0	1	3	4	4	2	2	2	2	2	3	4	7	4	3	2	3	4	3	4	4	3
19	4	3	3	5	8	13	19	14	7	2	2	2	****	2	2	2	2	2	2	3	5	6	14	14	6
20	7	4	4	4	6	14	22	17	10	5	4	3	2	1	1	3	7	3	3	4	4	3	3	6	6
21	****	4	7	7	5	5	7	16	11	6	3	3	4	3	5	2	2	3	3	4	4	7	10	9	6
22	7	7	5	3	2	1	-	1	1	0	0	0	0	0	1	1	1	2	3	4	5	7	10	10	3
23	****	5	3	2	3	6	12	18	18	17	11	4	4	3	8	5	3	2	3	4	3	1	1	0	6
24	0	0	0	1	2	4	7	6	4	5	5	5	4	3	3	2	2	1	1	1	1	0	0	0	2
25	0	0	0	2	3	4	6	8	7	6	6	6	6	5	4	5	3	2	2	2	2	3	1	1	4
26	1	1	2	2	2	2	3	4	4	4	4	2	2	2	3	1	2	2	2	1	0	0	1	2	2
27	3	1	1	0	1	3	6	5	5	5	4	7	3	-	2	4	7	9	8	5	7	7	4	4	4
28	4	6	5	3	4	6	5	8	6	3	4	4	1	1	1	2	2	2	2	3	4	3	4	6	4
29	2	2	2	2	2	2	4	2	1	1	1	1	1	1	1	1	1	1	1	3	4	10	8	5	2
30	3	2	2	2	3	8	18	14	10	9	15	19	12	18	5	5	3	2	2	2	2	1	2	2	7
31	1	1	1	1	0	3	5	8	5	5	2	1	1	****	0	1	1	2	2	2	2	2	2	2	2
MEAN	5	4	3	3	3	6	9	8	5	4	3	4	3	3	2	3	2	2	3	3	4	4	5	6	4.0

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	3	4	7	3	3	3	3	1	2	2	2	2	2	2	2	2	2	1	2
2	1	0	0	0	2	4	5	4	3	2	1	1	1	0	0	0	0	0	1	1	2	2	3	4	2
3	6	6	6	4	3	6	8	****	****	****	****	****	****	45	2	2	2	1	2	1	1	1	1	2	6
4	2	0	0	0	1	2	5	2	1	1	2	2	1	1	0	0	1	2	2	3	4	7	7	8	2
5	2	2	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	2	3	6	5	2	1
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	6	10	10	1
7	7	6	7	5	8	10	16	15	5	3	2	2	****	7	3	1	1	1	1	1	1	1	1	2	5
8	1	0	0	1	0	3	4	4	3	2	2	2	****	1	1	1	1	2	1	3	2	6	4	3	2
9	4	3	3	1	1	6	19	7	4	2	1	1	1	****	2	1	2	2	2	2	2	2	4	5	3
10	3	2	2	1	2	3	3	5	9	4	2	****	****	1	1	1	1	1	1	1	2	2	1	1	2
11	1	0	0	0	1	1	2	2	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
12	1	1	0	0	1	3	4	3	1	0	0	0	0	0	0	0	0	1	1	2	4	6	15	29	3
13	19	9	7	6	9	15	31	36	9	5	4	4	2	1	1	1	1	0	0	0	0	0	0	0	7
14	1	1	0	0	1	1	4	3	1	0	0	0	0	0	0	1	1	1	-	1	0	0	0	0	1
15	0	0	0	0	0	1	1	1	1	1	1	1	****	1	2	1	1	1	1	1	3	12	9	9	2
16	5	5	3	3	4	9	16	9	6	4	1	0	3	2	2	2	6	3	4	6	6	13	10	9	5
17	6	6	4	5	5	10	34	29	10	6	6	1	1	1	-	1	2	3	4	6	4	4	1	1	7
18	2	3	2	1	1	1	3	2	2	4	5	6	5	7	7	8	6	7	9	12	14	12	11	11	6
19	13	14	8	3	1	1	1	1	0	0	0	0	0	0	1	1	1	2	3	4	7	9	8	6	4
20	4	2	2	1	2	3	7	7	7	10	8	8	4	3	9	24	14	2	5	6	7	8	16	24	8
21	12	6	2	3	4	7	18	21	18	12	10	-	18	13	5	2	1	6	9	4	8	6	2	2	8
22	2	1	1	1	2	9	21	17	4	3	3	3	4	3	4	4	4	3	2	2	2	1	-	2	4
23	2	3	2	2	2	4	7	9	5	4	6	9	7	5	4	4	4	4	7	8	6	7	6	7	5
24	6	6	3	3	4	4	5	3	2	2	1	1	-	3	3	3	4	3	4	3	4	3	3	3	3
25	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	4	1
26	4	4	3	3	2	2	3	3	2	1	1	1	1	1	1	1	2	2	2	2	2	4	4	4	2
27	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
28	- OATA UNAVAILABLE -																								
29	-	-	-	-	-	-	-	-	-	2	1	1	2	1	-	0	0	0	0	0	1	1	1	2	******
30	3	3	4	5	5	4	5	5	2	2	2	2	1	1	2	2	3	3	3	5	6	6	5	6	4
31	5	2	2	2	3	6	12	11	12	4	2	2	-	3	3	6	6	4	4	4	2	4	5	5	5
MEAN	4	3	2	2	2	4	9	8	4	3	2	2	2	4	2	2	2	2	3	3	4	5	5	6	3.5

PERCENTAGE OF OATA VALIO - 90.1 PERCENTAGE OF OATA INVALIO - 1.6 PERCENTAGE OF OATA UNAVAILABLE - 8.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	16	16	8	9	12	19	12	5	4	5	4	2	2	3	2	3	4	3	2	2	3	2	1	6
2	1	1	0	0	1	1	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1
3	2	2	2	2	2	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1
4	1	1	0	0	0	4	10	10	9	6	6	6	3	2	2	4	4	4	3	3	3	4	5	16	4
5	21	18	13	9	7	11	17	14	9	3	3	5	2	2	5	7	8	4	4	5	5	9	7	7	8
6	9	4	1	2	4	7	11	8	5	2	1	0	0	0	1	1	1	1	1	2	1	1	1	1	3
7	1	1	1	1	0	1	3	3	1	1	1	1	-	-	1	1	1	1	1	1	1	1	0	1	1
8	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	7	8	1
9	5	2	2	2	2	3	6	3	2	1	1	2	1	1	1	1	1	0	0	2	3	4	2	1	2
10	1	0	0	0	0	1	2	4	1	0	0	0	1	1	2	2	2	2	1	1	1	3	2	1	1
11	1	2	3	5	6	12	22	15	5	3	3	3	-	5	7	-	5	4	6	8	8	10	17	20	8
12	25	25	17	7	14	20	41	39	4	3	3	3	4	4	4	5	5	6	4	5	7	6	3	3	11
13	9	7	5	7	8	10	13	5	2	2	2	2	1	2	2	3	3	4	5	3	2	2	1	1	4
14	0	1	0	1	1	1	2	3	2	1	1	1	1	-	1	1	1	1	3	4	2	2	2	3	2
15	2	0	1	0	0	1	2	2	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1
16	1	1	2	2	1	2	5	5	1	0	0	0	1	1	0	0	0	1	1	1	1	1	1	2	1
17	2	1	1	2	1	1	16	8	3	2	1	1	1	1	1	1	0	0	1	1	0	0	0	0	2
18	0	0	0	0	0	1	2	2	1	1	1	1	0	0	1	1	1	1	2	-	1	1	0	0	1
19	0	0	0	0	1	2	4	1	0	0	0	0	-	-	0	0	1	-	5	4	6	10	13	13	3
20	18	17	12	12	10	19	33	22	14	6	5	2	1	0	0	1	1	1	1	1	1	1	2	0	8
21	1	0	0	0	0	1	3	4	3	1	1	1	-	-	1	1	1	1	5	5	-	4	1	1	2
22	1	1	0	0	1	1	3	3	1	1	1	0	0	0	0	0	0	1	1	1	1	1	2	2	1
23	2	2	1	1	1	1	4	4	3	1	0	1	1	1	1	1	1	1	2	3	7	28	35	27	5
24	14	12	9	11	11	20	40	52	20	1	1	3	5	5	10	9	5	4	4	3	4	7	10	21	12
25	12	11	11	10	6	2	7	6	5	3	3	1	-	2	1	1	1	2	3	4	7	8	5	3	5
26	4	4	1	1	1	4	17	10	4	2	1	0	0	0	0	0	1	5	12	13	18	20	18	14	6
27	11	7	8	12	15	21	40	40	19	13	12	10	5	3	3	3	4	4	6	13	13	18	9	12	13
28	11	10	20	19	19	20	26	18	9	8	4	4	-	6	7	7	4	3	8	14	11	8	6	6	11
29	6	10	8	9	6	7	8	10	7	2	2	2	5	3	5	2	3	3	4	4	6	10	11	10	6
30	7	7	6	5	5	5	5	3	5	4	2	4	2	3	3	1	2	5	6	3	2	1	1	1	4
MEAN	6	5	5	4	4	6	12	10	5	2	2	2	2	2	2	2	2	2	3	4	4	6	6	6	4.4

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	4	11	17	9	5	5	4	3	7	8	5	3	5	5	8	19	23	13	9	7
2	8	5	3	2	2	3	6	15	14	9	7	-	-	4	3	3	3	3	2	2	2	2	1	1	5
3	1	1	1	1	1	2	4	6	5	5	7	6	6	4	3	3	2	2	1	1	1	2	1	1	3
4	1	0	1	1	1	2	7	15	5	2	5	6	6	6	4	4	3	4	3	2	2	3	5	3	4
5	1	1	1	1	2	2	5	7	5	1	1	1	-	2	2	3	6	4	7	5	2	2	1	1	3
6	0	0	0	0	0	0	1	1	1	1	1	1	3	1	2	2	2	1	1	2	1	1	1	1	1
7	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	C	1	1	1	2	2	3	3	1
8	1	-	1	1	1	1	2	1	0	0	-	0	0	0	1	1	1	3	5	5	4	3	2	2	2
9	2	2	1	1	2	1	3	3	1	2	-	-	0	0	1	1	1	3	6	7	8	8	8	7	3
10	8	7	-	5	9	-	29	44	23	16	12	2	-	-	3	3	4	3	5	5	7	6	9	12	11
11	8	4	1	1	1	1	13	26	18	11	12	9	11	4	-	4	5	4	2	2	3	2	-	-	7
12	-	-	-	-	-	-	2	3	1	1	1	1	1	-	1	2	3	4	5	3	2	1	1	-	2
13	-	-	-	-	-	-	-	-	-	-	0	-	-	1	1	1	1	2	2	2	2	3	4	4	******
14	3	3	2	-	-	-	2	3	1	-	-	-	-	-	1	1	1	2	2	-	-	-	-	-	******
15	-	-	-	-	-	2	3	-	3	-	-	-	-	1	1	3	4	6	7	6	9	9	8	14	******
16	11	3	2	2	2	3	8	11	8	4	3	-	-	3	3	5	5	5	7	9	10	13	17	29	7
17	19	13	9	6	12	19	24	-	-	31	43	34	33	32	33	27	18	22	30	37	20	29	34	26	25
18	11	3	1	1	1	6	17	16	19	6	4	4	4	3	4	6	8	8	12	16	10	17	19	10	9
19	2	3	3	2	-	2	5	5	5	6	4	4	8	-	9	-	-	12	9	7	3	1	0	0	5
20	0	1	5	0	0	0	1	1	1	1	1	2	3	5	6	6	4	6	6	8	5	4	3	2	3
21	2	1	3	3	2	2	0	0	1	1	2	3	3	3	4	4	4	4	3	2	3	2	2	22	3
22	7	9	9	7	5	12	35	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
23	- OATA UNAVAILABLE -																								
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	2	******
25	1	1	1	1	1	3	6	6	3	1	1	1	1	1	2	2	3	2	2	2	1	1	1	1	2
26	1	0	0	0	1	2	6	10	7	4	2	1	1	-	2	2	3	4	4	3	2	2	4	4	3
27	2	3	4	2	2	2	7	9	4	1	1	3	7	9	7	4	4	4	3	4	3	2	3	3	4
28	2	3	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	3	1	2
29	1	1	1	2	1	1	3	5	5	5	6	3	2	3	4	5	6	9	7	6	5	6	9	9	4
30	9	7	7	4	2	4	5	6	5	4	4	3	4	-	-	2	3	4	6	5	2	2	1	2	4
31	1	1	1	1	1	1	4	11	7	6	5	4	5	5	4	4	7	8	9	11	9	7	10	13	6
MEAN	4	3	2	2	2	3	8	10	6	5	5	4	5	4	4	4	4	5	6	6	5	6	6	7	4.9

PERCENTAGE OF OATA VALIO - 82.8 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 17.2

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	5	3	2	2	2	5	13	14	10	5	4	7	9	9	20	27	21	13	3	1	1	0	1	8
2	1	0	1	1	0	0	0	2	3	3	1	1	0	0	-	1	1	3	3	3	4	10	9	12	3
3	15	10	8	6	4	4	10	12	7	4	1	1	0	0	0	0	1	1	3	3	3	2	1	-	4
4	1	1	2	1	3	2	2	2	2	0	0	0	0	0	0	1	1	5	12	14	15	17	27	36	6
5	32	30	15	12	16	23	27	52	73	42	7	8	4	3	4	6	8	8	6	3	3	7	11	30	18
6	31	28	21	14	13	16	22	34	51	53	35	28	17	-	-	13	18	21	25	36	46	45	25	12	27
7	6	2	1	1	1	0	1	4	4	1	1	1	1	2	2	2	2	2	1	1	1	0	1	2	2
8	4	4	2	2	2	-	-	2	1	2	2	1	1	1	1	1	1	4	5	9	15	18	17	14	5
9	12	19	15	9	15	28	32	62	81	51	18	9	4	5	5	8	9	6	6	-	4	3	4	6	18
10	3	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	2	3	4	4	2	2	2	1	2
11	1	1	-	1	2	1	2	6	7	5	3	1	-	1	2	2	2	2	2	6	3	2	5	7	3
12	5	3	2	-	1	1	5	8	5	4	4	5	4	3	4	3	5	7	8	10	29	36	28	31	9
13	36	32	27	21	14	12	16	18	15	12	10	7	4	3	2	2	3	16	17	29	19	11	9	12	14
14	9	6	5	5	5	4	8	17	14	4	1	1	-	-	4	4	4	7	5	4	9	13	10	8	7
15	10	9	6	4	1	1	4	6	6	7	7	4	3	4	2	4	6	8	9	9	8	1	1	1	5
16	0	0	0	0	0	0	6	12	7	3	2	1	0	-	1	1	1	1	1	1	1	2	1	1	2
17	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	4	9	12	17	25	20	20	27	6
18	31	20	22	21	11	8	5	9	20	28	20	7	4	7	4	4	7	6	5	8	4	5	4	2	11
19	1	1	1	1	1	2	3	5	6	7	7	10	9	11	14	12	11	8	10	12	14	8	9	9	7
20	5	3	6	5	5	7	8	6	3	3	1	1	-	-	1	3	7	4	3	4	5	3	1	1	4
21	1	0	1	0	0	1	2	3	6	2	2	2	2	2	2	2	3	-	2	2	3	3	4	4	2
22	5	5	4	3	4	4	9	14	16	12	20	7	1	1	3	9	12	10	6	5	2	2	1	1	7
23	-	1	1	3	6	5	9	15	12	13	7	6	7	7	-	5	15	28	11	6	25	24	21	23	11
24	15	-	4	1	1	1	1	1	1	-	1	1	1	0	1	1	1	2	2	2	2	-	5	6	2
25	7	13	18	24	29	30	24	30	33	27	14	5	3	3	2	2	2	2	2	2	1	1	1	1	12
26	1	1	1	1	1	1	5	7	6	2	2	1	1	1	0	0	0	1	0	0	0	0	0	1	1
27	0	0	0	0	0	0	0	1	1	1	1	1	1	-	-	1	2	1	2	4	8	8	8	8	2
28	7	6	5	2	2	2	3	3	3	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2
29	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1
30	1	1	1	1	0	0	1	1	1	1	1	1	1	1	-	1	2	2	2	2	2	2	2	3	1
MEAN	9	7	6	5	5	5	7	12	13	10	6	4	3	3	3	4	5	7	6	7	9	9	8	9	6.8

PERCENTAGE OF OATA VALIO - 96.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.6

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	1	1	1	2	1	1	5	6	8	9	7	-	5	4	2	3	2	1	1	1	3
2	1	1	1	0	1	0	0	1	1	1	1	1	0	1	1	2	7	12	9	10	6	5	9	8	3
3	2	3	2	2	1	1	2	2	3	3	2	1	1	1	1	1	-	2	2	1	1	1	1	2	2
4	2	1	1	1	1	1	1	3	3	3	3	2	1	-	2	2	3	4	3	2	2	2	1	2	2
5	2	2	3	4	3	2	2	6	6	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
6	1	1	1	1	1	2	2	6	6	4	3	3	1	1	2	3	4	6	5	4	3	3	3	3	3
7	3	3	3	2	2	2	4	4	9	9	3	1	1	-	3	3	2	3	2	1	0	1	1	1	3
8	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	-	1	1	1	1	1	0
9	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	2	2	1	1	1
10	1	1	1	1	2	1	1	3	16	12	1	1	4	4	4	4	6	5	4	5	6	10	7	2	4
11	2	2	1	1	1	1	1	1	2	1	1	1	1	-	2	2	3	2	2	1	2	1	1	1	1
12	1	1	1	1	0	1	1	1	2	2	2	1	1	1	1	2	2	2	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	3	5	6	4	2	2	3	4	6	7	8	9	9	9	5	2	3	4
14	3	1	1	1	1	1	1	3	5	2	1	1	1	-	-	2	2	2	2	2	2	3	2	2	2
15	1	2	1	1	2	2	2	5	6	7	6	4	5	4	3	2	2	3	3	3	3	3	3	3	3
16	3	3	2	2	2	1	2	2	2	2	2	2	2	4	4	1	1	1	1	1	1	1	1	1	2
17	1	0	0	-	1	1	3	9	16	14	7	2	1	1	1	2	2	2	2	-	-	-	-	1	3
18	1	1	-	-	1	2	2	4	4	2	-	3	2	-	-	6	9	13	16	8	9	8	6	2	5
19	1	1	1	1	2	2	4	3	3	3	4	3	3	3	3	3	5	6	8	7	6	4	4	5	4
20	4	4	3	2	2	2	3	6	7	8	7	8	10	8	-	14	19	27	41	51	60	40	34	38	17
21	43	38	23	23	20	23	31	44	75	79	56	55	22	6	5	8	12	13	15	14	15	17	16	8	28
22	7	5	5	3	2	2	2	3	3	4	6	7	7	7	6	9	12	13	11	12	10	17	15	16	8
23	13	11	11	8	6	8	7	5	5	7	7	7	5	3	3	3	3	1	3	3	3	4	6	16	6
24	11	4	3	7	7	10	12	9	5	4	4	4	4	4	4	4	3	3	3	4	2	3	5	4	5
25	3	3	2	2	1	1	1	0	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	3	3	1	1	1
27	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	3	4	3	1	1	1
28	1	1	0	0	0	0	1	8	5	2	1	1	1	-	1	1	2	3	3	3	2	3	3	1	2
29	3	2	2	1	1	1	1	2	5	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	4	9	7	13	9	5	7	8	3
31	8	5	7	5	5	4	6	12	13	4	1	1	0	1	1	1	1	3	5	8	5	20	18	-	6
MEAN	4	3	3	3	2	2	3	5	7	6	4	4	3	3	2	3	4	5	6	6	6	6	5	5	4.1

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	5.4	22	69
FEB	19	6.5	17	49
MAR	30	6.7	16	57
APR	30	4.9	15	36
MAY	31	4.9	11	34
JUN	30	3.6	10	39
JUL	31	4.0	10	25
AUG	28	3.5	8	45
SEP	30	4.4	13	52
OCT	25	4.9	25	44
NOV	30	6.8	27	81
DEC	31	4.1	28	79
YEAR	346	4.9	28	81

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	557	112	33	18	10	3	3	736
FEB	312	87	47	10	11	5	0	472
MAR	434	179	77	18	9	7	3	727
APR	508	123	68	7	5	0	0	711
MAY	520	140	57	14	3	0	0	734
JUN	540	87	40	9	2	0	0	678
JUL	561	118	42	6	0	0	0	727
AUG	537	95	28	6	3	1	0	670
SEP	537	86	65	10	6	1	1	706
OCT	455	99	39	12	8	3	0	616
NOV	455	106	74	36	13	3	7	694
DEC	586	83	35	5	5	3	6	723
YEAR	6002	1315	605	151	75	26	20	8194

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.5	0	0.1	1.1	2.4	4.5	10.5	16.2	26.5	33.6	81	4.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	****	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	****	15	16	15	17	18	15	17	13	8	-	-	-	4	7
3	3	2	2	1	2	3	3	5	9	8	7	****	6	6	6	6	5	5	4	4	4	3	4	3	4
4	2	2	1	1	1	1	2	5	6	6	4	5	30	48	52	29	35	31	34	17	11	24	14	19	16
5	5	3	2	2	2	2	4	6	8	7	5	5	8	6	8	9	11	9	14	14	14	9	****	13	7
6	13	12	10	9	8	7	7	14	10	10	7	5	4	3	3	2	4	4	2	2	2	4	4	8	6
7	8	6	7	8	6	5	8	9	10	12	11	10	****	15	12	19	16	14	14	12	10	10	11	10	11
8	8	5	6	7	6	10	17	27	26	20	16	14	10	****	11	11	12	14	7	6	5	5	4	4	11
9	4	4	2	2	2	2	2	4	5	5	5	5	5	5	6	7	7	8	6	7	6	7	9	10	5
10	8	8	7	7	6	7	10	22	14	9	7	6	6	****	10	11	15	15	21	25	22	15	****	11	12
11	8	7	7	7	12	17	39	64	69	42	9	6	8	11	10	8	13	15	25	-	-	29	32	32	21
12	33	26	12	12	15	17	23	41	47	32	****	6	5	7	8	9	12	11	-	-	12	11	36	63	21
13	52	40	24	17	12	10	4	7	10	11	9	8	6	6	6	7	7	5	3	4	4	3	3	5	11
14	7	7	7	9	5	6	6	5	7	3	3	3	4	5	6	6	5	7	8	9	6	5	6	3	6
15	2	1	1	1	1	3	7	6	7	6	5	****	5	5	5	7	9	7	4	5	4	3	3	3	4
16	4	3	3	3	6	6	9	18	22	17	16	14	14	15	15	14	22	29	33	26	18	23	31	25	16
17	27	24	22	30	28	12	7	7	7	7	5	8	****	11	11	22	31	41	43	17	6	5	5	4	17
18	4	4	3	3	3	4	7	13	16	11	-	-	11	11	12	14	14	16	16	16	12	12	14	16	11
19	15	18	14	9	8	13	26	40	47	47	54	58	-	30	19	7	7	6	17	25	23	4	3	3	21
20	3	3	4	8	7	6	9	14	15	16	16	16	17	21	20	19	19	16	19	19	21	19	14	11	14
21	10	8	7	5	5	4	4	5	4	4	4	4	5	7	6	8	7	7	6	8	8	8	6	6	6
22	7	5	4	3	3	-	13	15	18	17	15	****	11	12	13	13	15	****	14	12	10	6	7	7	10
23	6	7	4	2	2	4	4	7	7	7	10	8	8	10	12	8	6	6	4	4	4	4	4	4	6
24	4	3	3	3	6	5	4	6	5	-	7	6	6	9	14	14	14	12	7	7	4	5	4	4	7
25	4	4	6	7	6	5	9	15	17	17	17	19	18	17	16	14	19	14	14	12	10	10	9	11	12
26	7	5	5	5	3	5	9	17	22	18	14	15	14	11	14	15	16	17	18	19	17	16	13	11	13
27	10	10	6	5	4	6	8	12	14	20	14	****	17	19	19	24	32	32	27	26	23	20	18	18	17
28	19	19	12	7	5	5	4	6	6	6	7	7	7	8	9	9	7	6	5	5	5	5	3	3	7
29	3	1	1	1	1	2	7	15	19	17	13	****	14	16	14	14	18	19	16	12	8	10	11	9	10
30	7	4	3	3	3	3	9	18	26	21	13	12	10	12	13	14	20	-	20	18	13	10	9	8	12
31	6	5	3	3	3	4	9	19	23	19	23	19	15	12	11	13	15	13	10	10	10	8	9	6	11
MEAN	9	8	6	6	6	6	9	15	17	14	12	11	10	12	12	12	14	14	14	12	10	10	10	11	10.8

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOE5 - CHEMILUMINESCENT UNIT5 - 0.01 PARTS/MILLION

STATION - C NO 35033 EVAN5/ARNOLO AVE. ETOBICOKE MONTH - FE8 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	3	3	2	2	6	12	18	14	15	15	13	13	14	11	14	16	13	11	9	8	9	8	10
2	8	6	5	4	3	4	9	24	32	24	9	11	11	14	16	18	23	27	36	36	33	25	28	31	18
3	-	-	-	-	-	-	-	****	33	35	25	15	11	8	8	8	8	8	8	9	9	9	10	9	13
4	4	4	4	4	3	3	4	5	5	3	3	3	4	4	4	3	3	3	3	3	3	4	5	5	4
5	3	1	1	1	1	3	6	12	15	14	14	12	10	10	10	12	-	17	19	19	9	7	6	7	9
6	6	5	3	4	5	8	16	34	39	32	30	29	12	8	12	10	10	7	7	7	6	4	6	6	13
7	6	5	6	7	10	12	12	10	9	6	5	****	****	4	4	5	5	5	4	7	16	16	15	15	8
8	12	13	8	3	3	4	7	11	****	12	10	11	10	8	12	15	16	16	16	14	13	9	7	6	10
9	4	-	-	-	-	-	-	****	15	12	13	12	13	13	13	15	13	17	22	25	19	15	14	13	15
10	7	6	8	7	7	9	13	20	18	17	14	14	12	10	8	9	8	9	10	8	9	9	8	7	10
11	8	9	11	5	6	7	6	6	5	5	6	6	5	****	10	7	7	4	9	24	26	28	24	30	11
12	24	17	16	14	16	17	26	35	37	31	30	23	14	8	7	9	10	20	17	13	10	8	8	7	17
13	6	5	3	3	3	4	9	19	21	17	****	12	10	12	13	15	17	19	****	20	13	10	12	13	12
14	10	7	7	7	6	6	12	23	27	26	21	21	22	19	18	18	11	6	4	3	3	14	15	13	13
15	10	6	5	4	4	5	8	14	15	15	13	14	12	12	14	8	4	4	-	3	4	8	8	6	9
16	5	5	4	3	3	4	9	18	17	13	11	****	****	10	11	12	15	11	11	11	8	-	5	6	9
17	6	5	4	2	2	2	5	6	7	8	9	11	10	10	11	13	13	13	16	16	11	9	8	13	9
18	13	15	19	13	11	10	11	14	7	3	3	3	2	3	3	3	3	3	2	2	-	2	3	****	7
19	****	3	****	4	11	13	16	29	38	29	26	****	17	13	12	9	9	8	20	15	10	8	5	5	14
20	5	5	4	3	3	3	4	7	8	9	9	9	9	9	8	8	10	10	9	11	14	13	14	16	8
21	9	7	7	10	12	12	11	16	15	11	12	18	11	9	9	5	5	5	5	5	4	5	5	5	9
22	5	4	3	3	3	4	10	20	18	17	18	****	****	****	9	11	12	10	10	9	7	5	5	4	9
23	4	3	3	3	4	4	4	6	7	6	6	****	****	9	12	13	18	14	10	8	8	9	10	14	8
24	16	23	12	8	8	10	21	23	18	12	10	10	12	11	11	11	11	14	12	12	8	7	7	8	12
25	6	7	6	4	3	2	2	3	3	6	7	6	8	11	12	12	13	15	15	13	12	10	9	10	8
26	6	3	3	3	3	3	7	****	18	14	8	9	8	9	10	12	18	****	16	13	8	8	8	7	9
27	5	6	4	4	4	4	11	16	20	15	14	13	12	13	12	12	15	20	20	20	21	20	20	27	14
28	22	14	16	16	11	13	14	19	30	35	****	17	13	10	10	9	12	14	14	18	17	32	19	17	17
MEAN	8	7	7	5	6	6	10	16	18	16	13	13	11	10	10	10	11	12	13	13	11	11	10	11	10.9

PERCENTAGE OF OATA VALIO - 94.2 PERCENTAGE OF DATA INVALID - 3.3 PERCENTAGE OF OATA UNAVAILA8LE - 2.5

NOTE5 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILA8LE

3. "*****" INOICATE5 LE55 THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RESOURCE5 8RANCH

POLLUTANT - NITROGEN OXIOE5 - CHEMILUMINE5CENT UNIT5 - 0.01 PARTS/MILLION

5TATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	12	12	11	9	6	7	15	20	13	8	8	11	12	16	19	26	33	39	28	21	24	26	19	17
2	10	7	5	6	5	6	17	****	20	16	19	****	9	8	10	9	11	-	****	8	9	7	9	12	10
3	12	6	3	3	3	3	5	9	8	7	6	4	5	4	4	4	7	8	5	8	8	9	7	5	6
4	4	4	3	3	2	2	3	3	3	3	3	****	****	4	4	5	10	11	13	15	12	33	20	19	8
5	7	6	13	10	5	5	5	7	7	5	4	4	4	4	5	6	7	6	7	7	6	7	7	6	6
6	3	4	3	3	3	3	5	10	11	7	7	****	6	6	5	6	6	4	4	4	4	4	4	5	5
7	-	****	8	7	7	24	44	49	26	12	7	6	6	6	6	6	7	8	7	8	7	4	8	43	14
8	33	33	27	17	11	12	27	40	36	25	19	****	10	11	8	8	13	21	19	17	14	13	15	14	19
9	11	11	9	8	8	12	27	46	40	31	21	11	7	10	11	9	8	8	7	6	5	4	5	8	13
10	10	6	6	4	3	3	4	5	5	5	4	5	3	3	3	3	3	6	5	9	7	5	4	6	5
11	5	4	3	2	1	1	1	3	3	3	3	3	6	7	6	6	6	6	7	6	7	7	6	5	4
12	4	2	1	1	1	3	7	12	13	11	9	9	9	****	8	11	13	12	10	11	9	7	-	8	8
13	7	5	3	3	3	4	5	7	7	6	6	8	9	10	9	10	10	7	4	4	4	5	5	7	6
14	6	4	3	3	3	5	8	8	6	9	9	7	6	7	7	9	11	12	8	7	5	5	5	6	7
15	4	2	2	1	1	2	9	16	10	8	7	7	7	7	8	10	11	9	9	9	9	4	4	5	7
16	4	6	5	4	2	-	6	7	12	9	8	10	6	8	7	8	9	10	10	10	13	11	9	8	8
17	8	8	10	10	13	15	17	40	15	9	7	7	8	6	6	8	5	4	6	6	7	14	26	28	12
18	28	30	24	16	12	11	13	15	11	13	****	5	5	5	5	4	4	7	8	8	28	6	3	2	11
19	1	2	2	2	6	16	31	33	10	4	4	****	****	****	4	6	8	7	5	14	30	34	46	45	15
20	40	34	28	12	11	19	32	61	53	****	****	9	10	11	11	10	8	-	****	****	25	****	18	18	23
21	15	9	7	****	7	12	26	55	45	21	8	****	5	5	5	8	9	8	12	24	42	57	65	73	24
22	53	30	22	18	15	11	19	27	24	19	13	11	9	9	9	10	11	10	10	16	20	9	10	35	18
23	29	26	17	17	28	33	50	55	18	12	8	7	5	5	6	10	15	13	9	9	8	4	4	5	16
24	11	11	4	4	3	2	3	3	3	3	4	4	6	22	33	14	5	10	13	8	14	33	28	8	10
25	5	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	10	10	11	13	10	7	4
26	4	3	2	2	2	4	6	7	10	12	****	8	7	7	7	9	10	9	7	6	5	5	4	5	6
27	4	4	2	1	1	3	12	16	13	10	10	9	8	7	8	11	12	12	13	12	10	10	11	12	9
28	10	7	9	10	13	16	30	18	8	5	4	5	6	5	4	5	5	6	7	5	4	4	8	6	8
29	9	9	10	14	11	25	58	20	14	14	9	18	15	13	13	17	22	26	11	8	9	12	11	12	16
30	11	5	2	2	3	4	6	17	-	18	9	-	-	-	14	14	22	16	11	41	35	21	10	12	14
31	9	8	8	23	17	7	12	14	14	9	8	8	8	8	9	10	10	9	10	8	8	7	8	7	10
MEAN	12	10	8	7	7	9	16	21	16	11	8	7	7	8	8	9	10	10	10	11	13	13	13	15	10.8

PERCENTAGE OF OATA VALIO - 96.0 PERCENTAGE OF OATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILA8LE - 1.2

NOTE5 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA I5 UNAVAILA8LE

3. "*****" INDICATES LE5S THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	7	5	4	3	3	3	4	3	****	1	1	1	1	1	1	2	1	2	2	1	1	2	2	3
2	2	2	1	1	1	2	4	9	13	11	10	****	17	10	6	6	7	8	5	4	5	4	4	3	6
3	2	2	1	1	1	2	7	14	13	****	8	8	7	7	7	6	7	14	14	15	13	13	21	21	9
4	26	21	15	11	9	12	25	34	14	8	12	7	6	6	4	4	6	****	2	1	1	1	2	8	10
5	5	3	2	2	3	****	13	15	-	-	10	9	7	5	5	5	5	5	6	6	5	3	2	1	6
6	2	1	1	0	0	1	2	4	4	3	3	2	4	3	5	5	6	6	5	5	5	4	4	5	3
7	5	4	4	2	1	1	3	5	6	7	6	6	6	7	8	8	8	9	11	12	10	7	9	15	7
8	10	12	10	7	5	4	5	4	4	1	1	1	1	1	2	6	14	8	8	10	8	6	7	5	6
9	3	2	2	2	2	3	6	10	12	11	9	8	8	10	10	12	18	15	15	18	10	9	11	18	9
10	8	5	4	2	3	4	8	16	17	****	10	11	10	10	12	14	13	16	20	22	18	17	18	20	12
11	17	18	14	11	17	20	26	28	11	6	4	4	4	4	4	5	6	7	7	8	6	6	6	10	10
12	8	9	4	2	2	3	5	6	5	5	4	3	****	11	10	9	9	8	8	7	4	2	2	2	6
13	2	2	2	2	2	2	2	2	2	****	3	3	4	5	5	5	5	6	5	3	2	2	2	2	3
14	3	3	2	2	1	2	2	4	5	6	9	5	5	5	5	5	6	10	5	8	23	22	31	16	8
15	14	10	7	4	2	2	3	3	4	4	6	6	6	7	6	7	6	7	6	7	8	7	9	8	6
16	5	3	3	3	3	4	10	20	15	11	10	10	9	****	10	12	11	****	10	10	****	8	6	7	9
17	4	4	4	4	4	7	11	17	17	12	9	8	8	-	-	11	13	11	12	13	12	13	11	10	10
18	9	8	6	4	5	6	10	17	14	10	9	****	-	-	8	11	14	12	13	12	11	11	9	8	10
19	5	5	5	6	5	7	16	24	17	14	10	10	9	9	10	12	13	13	11	13	9	12	10	8	11
20	8	6	6	8	10	11	21	32	31	24	16	11	8	8	7	6	7	6	8	15	15	9	16	42	14
21	48	57	49	46	40	10	13	8	10	9	8	6	5	4	4	4	4	3	6	8	21	18	8	5	16
22	19	17	19	11	12	4	4	4	4	5	5	5	5	5	4	4	4	5	4	7	23	27	18	14	10
23	13	9	6	6	6	9	18	12	8	8	7	7	5	8	8	8	9	7	6	11	10	12	12	20	9
24	22	34	20	11	8	13	9	21	21	10	8	9	9	11	7	10	10	9	5	5	8	6	12	8	12
25	13	15	11	12	7	****	5	6	14	18	9	9	6	7	7	7	8	8	7	9	11	6	8	18	10
26	8	6	4	8	6	7	8	13	11	9	7	6	5	6	7	9	12	10	6	5	5	4	4	5	7
27	9	11	8	4	3	6	9	13	13	15	16	14	15	15	14	15	19	17	14	15	12	9	10	10	12
28	8	9	6	2	2	3	6	8	6	4	3	3	6	7	5	5	3	4	4	4	10	15	17	17	7
29	10	6	4	2	2	4	4	4	2	3	2	2	1	2	2	2	2	2	****	2	4	8	16	9	4
30	8	7	8	7	3	7	8	8	7	6	****	6	6	6	6	7	5	9	10	10	12	7	6	4	7
MEAN	10	10	8	6	6	6	9	12	10	9	7	6	7	7	7	7	8	8	8	9	10	9	10	11	8.3

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	2	3	7	12	15	12	9	7	8	8	10	12	13	14	12	12	15	16	15	13	10	10
2	11	9	8	6	9	16	23	19	12	9	7	5	5	6	6	5	5	5	4	4	4	3	4	10	8
3	11	6	2	3	4	9	11	9	14	13	16	14	12	9	10	14	14	31	15	8	6	6	6	5	10
4	4	3	3	3	5	14	23	21	13	9	8	8	7	7	13	16	-	12	13	12	11	10	8	8	10
5	7	4	3	4	4	6	7	8	7	6	4	3	2	2	2	2	2	3	5	5	6	7	9	11	5
6	10	6	4	3	2	2	3	3	3	4	7	5	5	5	5	10	7	6	5	5	5	4	5	5	5
7	5	3	3	3	3	5	6	7	5	5	5	5	5	6	6	6	3	3	2	2	3	3	3	2	4
8	3	3	10	8	4	14	22	13	****	15	14	11	10	9	9	8	7	8	9	13	8	8	14	11	10
9	15	10	20	18	8	9	8	9	12	10	7	6	6	6	5	5	4	4	4	5	6	7	11	18	9
10	16	21	16	13	16	21	41	31	12	8	7	7	8	10	6	7	11	11	15	9	6	6	10	8	13
11	11	5	6	8	6	16	21	12	10	7	7	7	5	8	10	6	5	3	3	6	7	10	8	13	8
12	20	9	7	8	9	6	5	11	6	8	9	7	13	9	9	8	8	9	7	6	5	5	6	5	8
13	5	3	3	3	2	3	4	4	5	5	4	4	2	2	4	2	2	2	4	9	11	20	12	6	5
14	7	4	5	3	4	12	13	13	9	6	7	6	4	4	5	4	8	14	15	8	6	4	6	6	7
15	5	5	5	5	8	13	17	21	17	14	10	7	6	****	6	7	6	11	15	8	9	8	10	7	10
16	4	4	2	2	5	11	20	16	12	10	9	8	9	10	10	11	12	12	10	11	17	16	18	16	11
17	-	10	12	****	18	33	34	20	15	10	9	7	6	5	7	8	5	4	4	4	7	9	10	4	11
18	4	5	11	16	26	34	33	14	8	6	7	7	****	****	6	5	4	3	3	4	7	17	32	19	12
19	20	17	3	2	8	23	5	3	2	2	2	2	3	2	4	4	4	4	5	8	9	21	10	5	7
20	6	8	10	11	8	6	7	6	7	5	5	4	4	4	4	4	4	4	4	5	8	21	24	25	8
21	****	5	6	6	7	7	5	4	6	3	3	5	5	5	5	6	5	6	6	7	7	7	8	7	6
22	4	3	4	4	7	13	20	16	****	7	6	5	5	6	5	6	4	2	3	4	10	14	4	****	7
23	1	2	5	5	10	22	28	29	12	5	5	7	6	8	8	8	6	4	5	21	7	4	11	7	9
24	10	6	3	4	5	11	19	21	16	12	9	7	9	4	4	4	4	4	5	6	14	15	17	8	9
25	4	1	1	1	-	****	12	10	12	****	13	16	17	17	17	15	13	11	11	10	11	10	10	6	10
26	3	3	2	2	4	4	4	2	3	4	5	4	4	4	5	3	3	3	5	5	5	3	4	3	4
27	3	4	3	1	1	3	3	2	2	2	2	2	3	3	2	2	2	2	6	6	4	4	3	5	3
28	6	10	8	6	11	15	16	10	6	6	5	5	4	4	6	7	6	5	10	19	14	13	9	12	9
29	10	15	17	6	13	25	27	26	16	11	****	9	8	8	5	5	6	4	7	10	14	8	18	14	12
30	14	8	6	6	13	20	19	12	10	8	6	7	7	5	6	6	4	4	4	5	6	9	7	18	9
31	31	9	14	21	26	42	42	23	16	10	9	8	6	5	4	4	3	3	3	5	20	32	10	15	15
MEAN	9	7	7	6	8	14	16	13	10	8	7	7	6	6	7	7	6	7	7	8	9	10	10	10	8.5

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	12	14	14	21	30	8	8	6	6	6	****	-	-	4	4	3	4	6	9	6	7	20	26	11
2	26	24	8	9	5	6	9	8	6	7	5	5	4	3	3	2	3	3	3	4	7	8	6	5	7
3	4	2	2	3	4	6	4	4	3	3	4	3	3	3	3	3	3	2	3	3	7	15	20	14	5
4	14	10	4	6	8	10	8	9	9	8	****	4	4	5	6	5	4	5	8	14	8	5	5	7	7
5	5	4	5	5	7	10	18	15	12	16	13	-	7	10	10	11	10	11	10	7	8	7	8	7	9
6	6	5	5	3	3	3	5	5	5	3	4	3	2	3	4	3	4	4	4	2	2	2	4	7	4
7	7	2	2	4	5	12	12	10	7	7	5	6	8	7	5	6	4	5	5	6	11	20	23	23	8
8	15	7	6	8	4	7	10	11	9	5	7	7	6	5	5	5	6	5	6	6	4	6	7	8	7
9	9	13	10	14	14	8	6	5	5	2	2	****	3	4	3	3	2	2	2	2	2	2	2	2	5
10	2	1	2	3	6	7	6	7	2	2	2	2	2	2	1	1	1	1	2	3	4	3	3	2	3
11	1	1	1	1	1	3	8	6	7	4	****	****	9	9	10	10	10	-	-	10	15	19	15	9	7
12	7	4	3	3	6	21	26	17	12	9	8	9	10	11	14	18	14	13	****	12	18	17	13	10	12
13	8	5	5	4	7	20	27	23	15	11	10	9	8	9	11	12	13	11	11	13	22	32	36	10	14
14	19	18	15	12	****	31	****	****	8	****	6	7	7	5	5	5	4	4	4	6	7	6	5	6	9
15	10	5	3	4	2	5	13	9	6	5	****	****	5	7	8	7	8	8	8	8	8	8	8	6	7
16	6	6	5	5	6	7	9	9	11	11	12	12	11	12	12	10	11	10	10	9	9	9	11	9	9
17	11	17	30	11	11	16	8	7	7	7	7	7	7	9	10	6	6	6	7	8	11	12	11	7	10
18	6	5	5	6	8	10	16	20	17	****	****	5	3	4	4	5	4	5	3	4	8	15	12	9	8
19	8	8	6	5	9	21	26	17	10	****	7	5	7	6	6	7	5	3	3	3	4	3	3	3	8
20	3	2	2	9	16	8	****	6	5	5	3	3	4	4	4	3	3	3	5	3	2	5	6	6	5
21	6	7	3	2	6	6	10	10	14	12	10	9	9	8	6	6	6	4	5	6	5	5	5	6	7
22	10	8	6	5	4	6	10	15	10	7	9	9	****	10	12	13	-	13	12	10	10	9	8	7	9
23	6	4	3	3	3	4	6	7	8	7	10	9	10	9	10	10	11	12	15	11	11	9	10	9	8
24	10	7	****	3	5	5	5	****	5	8	8	8	9	9	9	9	10	11	12	14	17	15	12	8	9
25	6	4	5	5	6	15	25	25	17	11	7	5	5	4	4	4	-	4	4	3	3	****	12	38	10
26	32	27	27	28	28	32	33	21	11	8	7	7	8	7	****	4	4	5	5	8	11	12	5	3	14
27	4	3	2	2	6	7	9	12	6	4	3	3	6	7	8	9	7	6	5	6	8	15	20	13	7
28	10	7	5	5	6	16	35	26	15	14	****	8	6	6	7	7	6	4	3	5	7	3	3	4	9
29	10	4	7	5	7	6	8	9	****	9	10	9	4	4	6	10	13	6	6	14	14	15	18	-	9
30	3	4	2	2	4	5	5	6	5	5	4	4	6	5	4	-	3	3	4	4	3	3	2	2	4
MEAN	9	8	7	6	8	11	13	12	9	7	7	6	6	6	7	7	6	6	6	7	8	10	10	9	8.0

PERCENTAGE OF OATA VALIO - 95.6 PERCENTAGE OF OATA INVALIO - 3.2 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	2	2	1	1	1	3	4	3	2	2	2	2	2	2	2	4	5	4	2	2
2	2	5	6	6	5	5	4	4	4	4	5	5	5	5	5	5	5	5	6	10	11	9	8	6	6
3	5	3	2	2	4	13	19	18	12	****	****	8	8	9	10	11	11	10	9	7	8	9	13	11	9
4	7	6	3	4	8	17	21	19	11	12	9	8	9	8	9	9	9	8	7	7	7	6	8	6	9
5	5	4	2	2	4	9	15	11	10	9	9	****	8	8	7	9	9	9	9	9	12	17	10	8	8
6	5	4	3	4	6	18	27	21	15	10	7	7	6	6	6	8	9	9	8	9	9	11	8	10	9
7	8	6	3	4	7	12	15	12	7	5	4	4	3	3	3	3	2	2	2	3	4	4	5	11	6
8	10	9	7	6	11	13	7	4	3	3	4	3	2	1	2	2	2	2	3	3	4	6	6	20	6
9	18	15	8	12	25	25	8	8	10	9	****	9	8	9	6	6	6	4	6	12	17	14	8	5	11
10	4	3	3	3	3	4	/	7	5	9	9	-	7	6	6	7	13	10	5	6	5	7	7	5	6
11	5	5	4	5	9	12	23	17	10	9	7	7	7	****	9	9	7	5	6	7	6	7	18	20	9
12	17	16	14	13	13	30	31	26	15	11	10	7	5	****	5	5	4	4	4	5	5	16	11	7	12
13	12	13	13	14	17	27	26	12	12	****	****	7	6	7	7	6	4	3	4	7	11	7	7	13	11
14	20	26	17	16	16	17	13	3	3	4	3	3	3	3	4	4	3	2	3	4	4	4	3	4	8
15	7	7	7	4	3	3	3	3	3	3	3	3	2	4	3	3	2	2	2	4	6	20	11	12	5
16	8	7	6	6	9	19	25	22	13	9	7	8	5	7	8	13	12	8	6	6	7	8	6	4	10
17	3	2	1	1	3	9	17	-	14	****	6	4	5	5	4	4	4	5	8	8	7	8	5	6	6
18	3	2	2	2	4	10	18	18	16	10	9	8	5	4	4	3	3	2	3	6	11	14	13	9	7
19	7	7	7	8	11	19	30	39	14	5	4	5	5	4	4	4	3	3	3	3	4	6	21	23	10
20	12	7	7	7	12	21	27	20	9	6	6	6	5	4	4	4	4	3	4	4	3	8	9	18	9
21	****	12	20	19	15	15	19	12	4	4	3	4	3	3	3	2	2	2	2	2	3	7	21	21	9
22	19	10	5	4	3	2	-	3	3	2	2	2	2	1	4	3	1	1	2	3	3	6	18	20	5
23	****	11	6	5	7	16	34	25	18	14	****	7	6	6	4	5	3	3	5	3	3	2	2	3	9
24	2	2	2	1	5	5	6	5	5	5	****	3	3	3	3	4	3	2	1	1	2	2	2	2	3
25	2	2	2	2	2	4	5	6	6	5	4	4	4	5	4	4	3	4	4	4	3	3	5	5	4
26	2	4	5	5	3	4	6	11	8	11	****	11	10	11	12	13	11	10	10	7	6	6	7	7	8
27	6	4	4	3	4	12	22	24	18	11	7	7	5	-	4	4	4	3	3	4	7	7	5	4	7
28	6	6	5	9	12	10	6	5	6	3	3	3	3	2	2	2	3	5	8	9	10	10	10	11	6
29	10	8	7	6	6	6	6	6	5	3	3	2	2	1	1	2	1	2	2	****	3	16	19	12	6
30	8	6	5	5	11	21	30	22	8	5	5	4	3	3	5	5	3	3	3	3	4	3	3	2	7
31	2	2	3	4	4	8	10	23	13	8	5	7	6	6	6	7	9	9	12	11	10	9	8	8	8
MEAN	7	7	6	6	8	13	16	14	9	7	5	6	5	5	5	5	5	5	5	6	6	8	9	9	7.4

PERCENTAGE OF OATA VALIO - 97.4 PERCENTAGE OF OATA INVALIO - 2.0 PERCENTAGE OF OATA UNAVAILABLE - 0.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	2	2	3	9	18	21	13	6	5	7	****	5	3	5	3	3	3	3	2	2	2	2	6
2	2	2	2	2	3	3	7	6	5	4	5	3	6	5	****	****	8	7	8	4	5	6	9	13	5
3	7	14	10	9	9	14	****	10	6	7	8	7	7	5	4	4	4	6	8	4	4	6	7	7	7
4	7	7	4	2	4	6	6	5	3	4	3	3	3	2	2	2	2	2	5	9	11	13	14	9	5
5	8	7	5	3	3	5	5	4	3	3	3	2	3	3	4	4	4	4	6	9	10	13	11	6	5
6	4	3	2	2	2	4	5	4	4	5	4	4	2	2	2	1	1	1	2	2	3	5	25	23	5
7	16	15	7	15	18	36	28	10	7	6	5	6	****	4	4	8	6	3	4	7	8	7	7	6	10
8	7	5	3	3	6	13	19	17	14	15	13	9	6	5	6	9	11	10	12	10	12	14	16	13	10
9	8	6	5	4	7	19	32	6	4	3	3	3	3	****	3	3	3	3	3	3	3	3	5	3	6
10	4	3	4	4	5	6	7	15	22	13	****	7	7	8	8	10	10	9	10	9	10	9	7	7	8
11	7	6	2	2	2	3	5	7	8	9	9	8	8	3	2	2	3	3	6	9	6	8	9	7	6
12	7	5	4	4	5	6	9	7	4	1	1	1	1	2	2	2	2	1	3	6	6	6	5	7	4
13	25	17	7	7	11	26	52	46	14	****	5	6	4	4	4	4	6	3	3	2	2	2	2	2	11
14	2	2	2	2	4	11	18	16	9	7	7	7	7	8	9	11	11	10	-	7	6	6	6	4	7
15	3	2	2	2	3	8	17	14	10	9	****	****	9	10	10	12	13	12	13	11	15	20	23	16	11
16	14	8	8	3	7	21	30	27	22	9	8	8	5	5	6	6	6	6	6	7	20	32	27	21	13
17	15	14	11	12	15	29	49	55	13	11	8	9	8	7	8	7	6	6	7	8	4	4	4	3	13
18	4	3	3	3	3	3	3	4	4	5	5	4	5	5	4	7	7	8	10	11	12	10	8	12	6
19	20	18	23	9	4	5	5	4	6	6	6	5	6	3	2	2	2	2	3	3	5	30	17	14	8
20	7	4	5	6	6	17	29	28	15	13	-	6	5	5	5	5	5	6	5	4	5	18	34	30	11
21	33	21	12	10	14	22	39	37	18	10	10	6	6	5	5	5	4	3	5	8	31	31	12	12	15
22	11	6	5	5	8	19	32	16	8	-	4	3	3	5	7	4	4	4	3	3	3	2	2	2	7
23	2	3	3	2	2	4	8	7	9	9	5	-	9	9	12	10	7	7	6	5	4	4	4	5	6
24	6	9	5	3	2	5	9	7	7	5	5	5	4	4	5	6	4	4	3	4	3	3	3	3	5
25	4	3	2	2	3	3	6	4	4	4	4	3	2	1	2	2	2	2	3	6	12	12	15	16	5
26	18	13	9	6	6	6	8	7	5	2	2	2	2	2	2	2	2	2	4	5	6	8	14	11	6
27	9	5	3	3	5	13	16	15	10	8	-	5	5	4	5	6	4	3	3	3	3	3	5	5	6
28	7	14	14	13	17	16	7	7	6	5	4	5	4	3	3	4	4	3	3	3	2	2	3	3	6
29	2	3	3	6	3	4	9	10	8	8	8	8	5	5	6	6	3	2	2	2	3	4	5	8	5
30	9	7	3	3	7	13	13	8	6	5	6	5	4	6	8	10	10	9	11	13	15	12	18	15	9
31	10	6	5	4	6	14	25	27	15	4	4	-	2	4	5	5	4	3	3	5	7	7	5	6	8
MEAN	9	8	6	5	6	12	17	15	9	7	6	5	5	5	5	5	5	5	5	6	8	10	10	9	7.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	13	25	17	14	21	24	31	19	5	6	4	4	4	3	3	2	2	2	2	2	2	4	4	4	9
2	2	1	1	2	2	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2
3	2	2	2	2	2	3	5	5	5	5	5	5	4	5	5	6	7	7	8	8	7	8	9	7	5
4	3	3	2	2	4	13	21	20	14	-	-	3	3	4	5	4	3	3	3	3	5	5	7	10	6
5	16	14	16	14	16	26	32	25	4	3	5	4	2	4	4	6	4	3	2	13	16	17	15	14	11
6	12	9	7	4	8	17	23	25	20	12	9	7	8	7	7	9	9	8	7	8	6	7	7	5	10
7	4	2	2	1	3	9	17	16	-	8	8	10	14	13	12	13	13	12	11	10	9	7	5	4	9
8	4	3	2	2	3	5	10	9	9	7	7	6	5	4	2	2	2	3	4	10	14	9	11	13	6
9	16	12	7	5	4	6	9	8	5	2	2	-	3	2	2	2	2	2	2	4	4	4	4	4	5
10	3	3	6	3	3	9	9	7	6	4	3	3	4	5	8	12	11	15	8	6	8	11	16	14	7
11	8	7	6	7	11	25	54	37	20	15	7	5	7	5	6	-	4	5	7	7	9	17	39	30	15
12	28	15	5	2	1	3	5	5	3	4	4	4	4	3	3	4	4	3	5	10	5	4	3	2	5
13	2	3	2	2	3	4	9	7	5	4	5	4	4	4	5	5	4	4	4	4	3	3	3	2	4
14	1	1	2	1	2	12	12	10	9	10	-	9	9	8	9	9	10	11	14	16	8	8	8	8	8
15	8	5	2	1	2	5	11	5	6	7	7	6	6	7	6	6	6	6	9	9	8	10	6	4	6
16	5	7	4	4	6	7	10	9	12	5	2	2	2	2	2	2	4	2	3	3	4	4	3	2	4
17	3	2	3	2	3	8	17	12	6	-	-	-	3	3	4	4	4	3	3	3	4	3	2	2	4
18	2	2	2	2	2	6	11	6	4	4	4	2	3	2	3	8	9	9	10	-	8	7	6	4	5
19	2	2	1	2	4	13	22	13	10	9	8	7	8	8	11	13	13	-	19	14	12	16	22	24	11
20	18	15	15	16	22	42	66	46	29	12	10	4	3	3	4	4	4	3	4	4	3	4	4	6	14
21	7	7	11	17	22	22	18	14	13	10	6	11	12	13	13	14	13	16	15	13	-	13	14	10	13
22	8	7	5	4	4	5	9	10	10	9	9	9	8	7	7	8	9	10	11	11	11	8	10	10	8
23	11	9	6	5	4	6	9	8	8	4	2	1	1	1	1	1	1	2	4	10	36	40	43	40	11
24	33	25	22	18	19	32	51	48	13	5	-	4	4	5	6	5	4	3	4	3	4	10	14	24	15
25	28	26	25	25	27	23	12	14	14	12	9	8	7	6	5	7	11	12	13	6	17	21	21	11	15
26	9	5	2	3	5	17	36	28	23	16	10	7	6	4	6	8	8	6	14	36	37	48	53	36	18
27	25	19	14	11	17	39	57	38	19	12	11	12	10	7	6	6	6	5	8	11	12	6	5	12	15
28	8	6	3	3	6	9	16	13	10	7	-	7	7	8	9	8	7	7	11	12	7	15	18	25	10
29	20	16	15	15	13	15	14	10	9	8	6	4	3	2	3	3	2	3	2	3	5	6	21	33	10
30	34	24	23	19	11	11	10	8	9	4	4	4	4	6	4	3	4	6	9	16	16	10	9	7	11
MEAN	11	9	8	7	8	14	20	16	10	7	6	6	5	5	5	6	6	6	7	9	10	11	13	12	9.1

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE. ETOBICOKE MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	2	2	5	12	22	28	-	21	12	7	11	11	8	8	6	5	5	9	17	21	23	14	11
2	11	9	6	5	6	12	24	27	26	26	13	5	6	7	6	15	16	9	9	5	7	5	3	2	11
3	3	2	2	2	4	9	7	16	7	6	8	8	9	8	8	10	11	6	4	5	4	4	4	3	6
4	3	2	2	3	4	6	8	12	7	7	12	23	23	22	19	17	17	19	18	16	15	15	16	16	13
5	9	4	4	3	6	15	18	20	10	-	6	6	6	9	9	9	10	17	24	19	12	10	8	6	10
6	5	4	2	2	2	2	3	3	3	3	3	4	4	3	3	3	2	2	2	2	2	2	3	2	3
7	2	2	2	1	1	1	2	3	3	3	4	5	5	6	6	6	5	6	6	7	8	9	9	7	5
8	5	-	3	1	1	3	6	5	4	4	3	4	2	2	2	4	11	5	5	4	5	4	3	3	4
9	4	4	4	4	7	9	13	16	14	12	-	-	11	11	14	17	20	19	18	21	17	20	21	18	13
10	15	11	-	10	26	-	52	54	68	35	13	8	8	9	9	7	6	5	17	21	17	19	23	18	21
11	15	8	5	6	9	19	33	36	36	24	12	10	-	-	-	7	6	6	5	5	5	4	4	4	12
12	4	4	3	3	4	6	7	12	10	7	7	9	7	6	6	9	9	9	13	12	12	10	10	7	8
13	4	3	3	3	3	4	5	5	5	5	10	12	12	11	13	13	13	15	16	15	12	14	21	15	10
14	15	14	12	6	4	6	11	16	9	8	8	7	10	10	10	10	10	12	13	7	6	7	7	4	9
15	4	4	4	4	7	12	15	-	12	-	10	8	8	7	8	11	13	18	24	19	19	17	20	17	12
16	8	6	5	4	6	16	29	30	19	10	8	-	6	6	6	8	7	7	9	8	8	9	14	31	11
17	31	30	24	18	21	35	35	-	-	50	45	63	60	62	44	51	57	28	30	40	61	62	41	76	44
18	54	18	6	5	9	22	42	44	18	7	9	9	-	7	7	8	-	9	8	8	7	7	6	6	14
19	6	7	7	7	4	6	8	9	-	7	8	8	9	8	-	-	-	13	16	8	7	5	5	5	8
20	8	8	7	5	4	4	13	7	8	8	7	6	6	5	5	5	6	8	6	16	7	6	5	5	7
21	5	5	5	5	6	9	11	7	7	5	4	4	4	4	6	6	5	5	5	7	8	19	18	7	7
22	7	9	6	6	16	12	14	16	20	14	10	7	7	7	8	8	11	13	14	14	9	10	9	7	11
23	7	7	5	7	17	11	10	14	14	8	6	6	6	-	5	5	6	6	5	4	4	4	5	4	7
24	4	4	3	3	3	5	7	8	8	7	8	9	12	-	-	-	-	-	-	-	-	-	-	-	******
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	14	16	16	14	12	8	8	9	7	******
26	4	4	3	3	5	13	24	27	27	18	18	13	14	-	16	18	22	22	18	12	12	10	13	13	14
27	8	7	4	2	3	3	8	8	9	4	4	3	4	5	6	6	7	7	3	3	2	5	6	6	5
28	6	7	3	3	2	3	5	5	3	3	3	4	3	5	7	9	5	4	8	9	9	8	9	6	5
29	4	3	2	2	2	5	15	22	23	20	17	17	18	17	20	23	27	29	29	23	16	14	13	5	15
30	4	2	2	1	1	2	5	7	10	11	6	8	6	5	5	6	5	5	5	4	2	2	2	2	5
31	1	1	2	2	1	2	3	8	7	6	8	7	7	6	8	14	19	13	14	19	7	8	12	16	8
MEAN	9	7	5	4	6	9	15	17	14	12	10	10	10	10	10	11	12	11	12	12	11	11	11	11	10.4

PERCENTAGE OF OATA VALIO - 93.5 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 6.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	6	3	2	2	2	6	9	9	13	17	15	14	19	15	14	17	42	33	12	5	5	4	3	12
2	4	4	2	3	2	2	4	10	13	16	10	-	4	4	5	6	7	8	9	7	10	16	16	20	8
3	22	20	15	13	13	14	24	28	20	7	6	6	5	3	3	2	3	5	14	15	10	7	7	-	11
4	5	9	6	5	4	4	4	8	5	5	4	5	6	9	7	9	14	21	19	17	13	10	51	45	12
5	49	25	32	29	23	34	67	54	40	14	-	6	7	8	10	7	10	8	5	5	5	8	33	45	23
6	42	48	43	34	25	27	45	61	69	45	24	16	17	14	15	12	18	11	40	50	42	42	47	27	34
7	14	6	5	4	3	4	9	19	23	16	14	15	14	17	-	18	16	14	7	4	2	2	7	10	11
8	5	5	4	3	2	-	-	4	5	5	5	6	5	5	6	6	7	17	22	27	26	24	24	22	11
9	26	21	19	28	29	30	42	64	83	23	11	11	8	6	6	10	8	7	6	-	4	4	4	6	20
10	17	9	6	4	5	4	6	9	10	11	11	10	7	12	14	17	18	20	19	17	16	11	11	13	12
11	10	10	-	9	7	7	9	15	12	10	6	5	-	12	11	12	12	13	13	8	9	7	10	14	10
12	10	6	3	-	3	3	9	14	15	14	9	9	9	10	10	12	12	8	13	29	42	43	52	48	17
13	41	33	27	17	13	10	20	30	34	25	21	18	15	15	13	14	16	23	29	35	29	15	19	17	22
14	12	7	7	5	6	6	17	31	32	22	15	14	14	13	13	16	14	18	18	13	19	23	24	22	16
15	23	14	8	5	4	5	9	12	11	12	8	5	6	8	6	8	14	17	18	19	16	11	7	5	10
16	3	2	1	-	1	3	14	18	13	9	5	3	4	4	3	4	4	5	3	5	3	3	3	3	5
17	3	3	2	2	3	2	4	7	4	5	6	9	12	10	10	13	21	30	41	55	69	61	49	62	20
18	50	50	45	40	30	19	21	27	41	39	20	9	8	6	6	6	5	5	4	8	5	18	4	3	20
19	2	2	1	2	2	3	5	9	13	13	11	9	8	8	11	13	13	7	5	5	6	9	9	12	7
20	12	10	4	3	6	17	24	30	16	10	9	-	-	9	11	16	22	22	16	20	19	17	14	8	14
21	6	5	3	2	2	5	12	12	9	7	5	5	4	5	5	7	6	-	3	5	5	5	4	7	6
22	7	7	4	5	8	7	10	20	24	17	13	14	15	14	11	11	8	9	8	6	7	5	6	6	10
23	-	5	5	7	14	11	8	9	11	12	14	-	20	18	21	29	21	32	41	13	10	14	28	19	16
24	12	11	18	5	3	4	6	10	8	9	9	9	5	2	4	4	4	6	9	9	8	-	6	12	8
25	13	12	47	44	49	41	40	39	40	29	6	6	8	4	3	2	2	4	7	8	4	4	4	4	18
26	4	4	4	4	2	3	9	11	9	10	-	5	3	3	3	3	3	3	2	3	2	2	2	2	4
27	2	2	2	1	1	2	2	4	4	5	4	4	4	4	4	5	7	7	9	18	23	22	8	17	7
28	12	11	9	7	4	4	10	14	14	11	10	10	6	9	13	11	9	11	8	5	4	4	7	7	9
29	6	4	3	3	2	3	7	12	18	15	12	12	11	11	-	9	-	-	6	5	4	4	4	4	7
30	5	4	3	4	3	3	6	7	6	7	6	7	8	7	7	6	8	7	6	7	5	8	9	11	6
MEAN	15	12	11	10	9	10	15	20	20	15	10	9	9	9	9	10	11	14	14	15	14	14	16	16	12.9

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. "****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	7	5	3	3	3	3	4	4	9	15	13	16	21	19	-	21	12	9	9	7	5	5	5	9
2	3	3	3	3	3	2	3	2	3	3	6	5	8	11	12	17	19	22	19	18	19	8	11	10	9
3	9	5	3	3	3	3	5	9	13	9	-	4	3	3	5	6	-	6	5	4	4	3	3	3	5
4	3	3	2	2	2	2	4	8	9	8	8	11	12	11	13	16	21	20	18	15	7	5	4	6	9
5	7	6	4	5	4	5	6	10	9	9	9	8	8	-	4	4	5	4	4	3	3	3	3	3	5
6	3	2	2	2	2	5	15	18	19	15	11	9	7	7	8	15	17	15	10	10	10	8	6	6	9
7	6	6	6	5	4	6	7	14	20	-	-	5	5	5	6	9	8	6	6	4	4	3	2	3	6
8	4	4	3	1	1	1	3	4	4	7	8	8	-	-	11	13	15	11	-	9	8	6	8	5	6
9	5	6	7	4	2	2	1	1	1	2	2	4	4	5	4	2	4	4	4	4	10	11	9	8	4
10	6	4	4	5	4	4	7	16	22	17	10	10	14	11	9	9	9	7	5	6	7	13	9	5	9
11	6	4	3	2	2	2	3	6	7	6	5	5	5	4	6	6	6	5	4	4	7	5	3	3	5
12	3	2	2	2	2	2	5	14	15	15	13	13	13	13	13	14	17	15	13	-	-	-	-	-	10
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	19	17	28	24	18	13	11	******
14	12	8	4	6	5	5	7	13	22	18	13	13	14	-	15	19	19	16	15	14	16	15	13	8	13
15	7	7	6	6	5	7	10	11	13	5	6	6	5	6	6	6	8	9	11	10	9	8	8	7	8
16	7	6	6	6	5	5	5	5	5	6	7	7	7	16	18	12	8	5	5	4	4	4	5	6	7
17	5	3	3	2	2	5	14	28	31	26	14	7	4	3	10	13	15	10	12	8	7	5	5	8	10
18	5	4	3	3	3	5	7	23	23	21	19	-	14	15	11	16	23	27	16	18	19	7	5	5	13
19	3	1	1	3	5	5	3	10	9	10	10	9	10	10	11	11	14	13	16	15	11	10	11	14	9
20	10	7	6	5	5	6	13	20	19	19	19	23	25	26	28	25	20	33	62	60	57	69	72	77	29
21	75	71	67	59	46	39	46	74	83	100	98	39	23	12	13	12	12	9	11	15	14	11	6	5	39
22	9	6	5	5	5	5	4	5	5	6	6	6	6	8	8	9	10	13	7	7	8	14	11	10	7
23	11	11	12	11	11	9	7	5	6	6	5	6	7	9	8	8	7	8	8	8	7	16	13	16	9
24	23	13	8	8	12	17	13	16	10	6	5	10	11	6	8	6	6	6	7	7	7	7	8	11	10
25	9	8	5	4	3	2	2	2	2	3	3	3	4	4	4	4	4	3	3	3	3	3	4	3	4
26	3	2	1	2	1	1	2	3	3	4	7	8	9	10	12	13	13	10	10	10	12	14	11	6	7
27	5	3	3	1	2	3	7	13	13	11	11	12	10	11	-	14	14	17	14	14	13	11	8	7	9
28	5	3	2	1	2	3	8	22	22	15	10	9	9	10	10	12	14	15	15	20	18	14	12	12	11
29	10	9	9	7	5	4	5	9	12	11	9	8	8	11	10	10	11	11	9	9	7	7	7	9	9
30	7	7	6	4	2	2	5	10	9	8	7	6	6	7	9	11	14	13	25	24	20	14	16	22	11
31	25	19	14	8	10	9	14	27	28	16	8	4	7	9	9	10	6	8	13	16	17	17	23	-	14
MEAN	10	8	7	6	5	6	8	13	15	13	12	9	9	10	10	11	13	12	12	13	12	11	10	10	10.3

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	10.8	21	69
FEB	28	10.9	18	39
MAR	31	10.8	24	73
APR	30	8.3	16	57
MAY	31	8.5	15	42
JUN	30	8.0	14	38
JUL	31	7.4	12	39
AUG	31	7.6	15	55
SEP	30	9.1	18	66
OCT	29	10.4	44	76
NOV	30	12.9	34	83
DEC	30	10.3	39	100
YEAR	362	9.6	44	100

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLO AVE, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	221	216	201	41	16	8	7	710
FEB	156	198	226	37	16	0	0	633
MAR	210	278	145	41	21	10	9	714
APR	261	262	146	19	6	4	1	699
MAY	280	261	152	25	9	3	0	730
JUN	267	275	115	23	8	0	0	688
JUL	348	230	117	27	3	0	0	725
AUG	358	230	102	24	10	2	2	728
SEP	305	203	135	36	17	5	5	706
OCT	229	245	154	41	9	6	12	696
NOV	209	194	183	54	18	29	12	699
OEC	241	235	183	31	4	2	13	709
YEAR	3085	2827	1859	399	137	69	61	8437

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT									ARITH	
	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
96.3	0	2.1	4.3	6.6	10.0	18.0	24.9	35.6	45.9	100	9.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
8												- OATA UNAVAILABLE -													
9												- OATA UNAVAILABLE -													
10												- OATA UNAVAILABLE -													
11												- OATA UNAVAILABLE -													
12												- OATA UNAVAILABLE -													
13												- OATA UNAVAILABLE -													
14												- OATA UNAVAILABLE -													
15	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	5	6	5	4	3	2	2	******
16	2	2	3	4	5	4	6	7	12	9	5	4	6	4	3	4	6	15	18	19	14	14	11	14	8
17	16	17	13	12	12	16	6	4	4	3	3	5	5	6	9	10	11	10	5	5	3	3	4	3	8
18	2	2	2	1	1	1	2	4	6	4	2	3	3	2	3	3	5	7	9	12	7	8	7	6	4
19	5	5	4	3	4	4	6	8	12	11	11	-	16	17	17	3	2	1	1	1	1	2	3	2	6
20	2	2	2	2	2	2	2	4	13	16	17	21	24	24	23	23	10	4	4	5	14	15	11	11	11
21	6	5	4	7	5	4	5	4	3	3	3	3	3	3	3	3	3	4	4	2	2	2	2	2	4
22	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	5	5	5	3	2	2
23	2	2	2	2	2	3	3	3	6	7	4	2	2	2	2	3	2	1	1	1	1	1	2	3	2
24	3	2	2	1	2	1	2	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	2
25	1	1	1	1	3	2	2	3	4	8	8	6	5	4	4	4	4	4	3	3	2	2	2	2	3
26	2	1	1	1	1	1	2	2	4	4	3	3	-	-	2	2	4	5	5	6	7	6	4	3	3
27	3	3	3	3	2	3	3	5	5	3	4	4	6	4	4	6	9	9	12	13	14	9	7	4	6
28	5	4	3	2	2	1	1	1	1	1	1	-	3	2	2	2	3	3	2	2	2	2	2	2	2
29	1	1	1	1	1	1	3	3	3	3	3	3	-	2	1	1	2	2	3	3	2	1	1	1	2
30	1	0	0	0	0	1	1	2	3	2	1	1	2	2	2	2	3	3	3	2	2	3	6	4	2
31	0	1	1	1	1	1	2	4	6	7	3	1	1	1	1	2	2	2	1	1	1	1	1	1	2
MEAN	3	3	3	3	3	3	3	4	5	5	5	4	6	5	5	4	4	5	5	5	5	5	4	4	4.2

PERCENTAGE OF OATA VALIO - 52.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 47.6

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
2	0	0	0	0	0	1	1	3	3	1	1	1	2	2	1	3	3	5	7	9	7	11	24	20	4
3	21	12	6	6	7	5	7	7	6	6	5	5	5	4	5	6	6	7	7	4	6	4	2	2	6
4	2	2	2	2	3	3	5	4	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
5	0	0	1	1	1	1	2	3	4	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
6	1	2	2	2	2	2	4	13	22	8	5	-	7	4	4	4	5	8	6	4	2	2	4	12	5
7	23	22	15	13	13	15	23	15	2	2	1	1	2	1	1	1	1	2	2	3	4	8	11	6	8
8	5	2	1	1	0	1	1	2	3	3	2	1	2	2	1	2	2	3	4	4	2	2	2	2	2
9	1	1	1	0	1	1	2	4	4	1	1	1	1	0	1	1	2	5	7	8	5	5	5	7	3
10	6	4	5	6	6	4	4	4	4	3	2	4	4	3	3	1	2	4	4	2	2	2	2	3	4
11	2	3	2	2	2	2	2	2	1	2	6	2	3	4	4	5	5	5	16	21	18	13	14	18	6
12	13	9	8	8	8	8	10	12	13	11	10	14	12	-	4	7	14	-	-	-	3	3	-	-	9
13	-	2	2	-	-	-	-	-	-	-	-	-	-	-	2	3	6	8	12	15	11	9	8	5	*****
14	5	4	3	3	2	3	5	11	16	17	18	13	13	10	11	8	1	1	1	1	1	2	2	5	7
15	11	9	7	6	6	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
16	0	4	6	3	2	2	3	5	5	3	3	2	-	2	2	3	3	4	4	3	2	1	1	1	3
17	1	1	1	1	2	2	2	2	3	3	2	3	3	3	2	-	4	4	15	25	29	20	7	6	6
18	3	3	3	3	3	3	3	5	5	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2
19	2	2	2	3	5	6	8	11	10	7	6	5	4	-	3	3	3	3	6	8	7	6	4	4	5
20	4	4	3	2	3	3	3	5	8	7	7	6	4	4	4	6	6	5	10	9	16	14	28	23	8
21	22	16	13	21	22	12	12	8	7	6	6	5	5	3	3	4	3	4	2	3	2	1	1	1	8
22	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	3	4	4	2	2	1	1	1	2
23	1	2	2	1	1	1	1	2	2	1	1	2	2	-	8	6	6	4	7	6	4	4	4	5	3
24	6	6	2	2	3	3	5	4	6	4	2	2	3	3	3	3	3	4	3	2	2	1	2	2	3
25	2	2	2	2	1	1	1	2	3	4	1	1	1	1	3	4	6	3	3	3	3	1	1	3	2
26	4	4	3	2	3	2	2	7	6	4	-	2	2	2	2	3	6	9	7	5	6	3	3	3	4
27	2	3	2	1	1	1	2	3	4	3	2	2	2	2	2	2	3	3	5	4	2	3	5	6	3
28	6	6	14	15	6	3	4	7	17	6	8	5	-	4	4	5	5	7	12	19	28	51	17	4	11
MEAN	5	5	4	4	4	3	4	5	6	4	4	3	3	2	3	3	4	4	6	6	6	6	6	5	4.4

PERCENTAGE OF DATA VALID - 96.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	5	6	2	2	2	2	1	2	2	2	1	2	2	3	4	2	3	3	5	7	11	8	4
2	8	7	5	2	2	3	6	10	14	5	3	3	-	3	4	4	3	3	3	2	5	3	2	2	4
3	5	3	2	2	2	3	7	17	9	1	1	2	2	1	2	2	2	6	10	11	9	8	2	2	5
4	2	1	1	1	1	1	1	1	1	1	1	1	2	3	1	2	2	2	2	2	2	2	3	3	2
5	3	3	2	2	1	2	2	2	3	2	2	2	2	-	2	2	3	3	4	-	4	4	3	2	3
6	3	3	2	3	2	1	2	4	2	3	2	2	3	3	2	2	2	2	3	4	3	2	3	3	3
7	5	5	5	6	14	18	19	26	13	2	1	2	1	1	1	1	1	1	2	8	18	13	12	14	8
8	26	18	17	10	5	5	8	15	11	8	3	7	-	7	2	2	2	2	6	5	4	5	5	4	8
9	3	3	5	5	7	7	18	24	18	6	3	2	3	3	3	3	2	2	2	2	2	1	3	5	6
10	6	6	2	3	3	2	2	3	2	3	3	3	2	2	2	2	3	2	3	2	1	1	1	1	3
11	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1
12	1	1	1	0	0	0	2	2	1	1	1	1	1	-	1	1	1	1	2	4	8	21	26	34	5
13	7	6	3	3	2	2	2	2	2	3	6	8	5	5	5	6	5	3	4	4	3	2	3	3	4
14	1	1	1	1	1	1	1	1	2	2	1	1	-	1	1	1	2	2	2	2	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	2	2	2	3	4	3	3	2
16	2	2	2	2	1	1	2	3	3	2	2	2	3	2	2	2	3	4	7	8	6	5	6	5	3
17	5	5	5	5	4	4	5	5	4	4	5	5	5	5	5	4	4	3	3	4	7	6	12	10	5
18	12	15	15	14	12	9	10	10	6	2	1	2	2	2	2	2	2	3	3	7	23	17	1	1	7
19	1	0	1	1	2	6	8	10	4	2	1	1	-	0	1	1	1	1	2	19	34	22	18	14	7
20	20	21	14	12	13	13	14	16	8	5	7	8	5	5	2	1	1	3	15	45	39	11	18	15	13
21	11	13	11	9	4	3	9	20	9	3	5	4	3	-	2	1	1	2	8	26	31	29	28	30	11
22	21	18	13	13	14	8	7	8	8	9	9	8	9	8	6	4	4	5	5	7	14	4	4	11	9
23	7	6	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	3	2	22	10	2	1	3
24	4	2	2	1	1	1	1	1	1	1	4	7	4	8	2	1	1	1	3	4	3	2	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
26	2	1	1	1	0	1	1	1	1	1	1	1	-	1	1	1	1	1	2	2	2	1	1	1	1
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	3	3	5	6	7	2
28	8	9	10	7	9	8	6	5	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3	
29	2	2	2	2	3	2	2	4	5	4	4	4	5	5	5	6	8	5	5	5	5	5	5	2	4
30	2	2	2	2	2	2	3	3	2	2	2	-	1	1	2	2	3	2	5	11	6	10	5	3	3
31	3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
MEAN	6	5	4	4	4	4	5	7	4	3	2	3	3	3	2	2	2	2	4	7	9	7	6	6	4.3

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	3	10	-	3	2	3	2	3	3	3	3	2	2	1	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	8	4	3	1
4	3	3	3	2	4	3	4	1	0	0	0	0	-	1	1	1	0	0	0	0	0	0	0	2	1
5	4	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	3	2	1	1	2	1	2
6	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	5	1
8	2	2	2	2	4	5	3	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	1	5	4	4	3	3	3	4	5	3	5	6	7	6	8	3	3
10	2	1	1	1	1	1	2	2	2	1	1	1	1	-	-	2	2	3	5	6	9	6	5	5	3
11	5	5	4	5	6	5	10	13	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	4	0	1	1	1
14	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1	2	2	3	2	9	2	2	2	2
15	2	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	0	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	3	1	2	2	2	1
17	1	1	1	1	2	2	4	4	4	2	1	1	1	1	1	1	2	2	3	4	3	2	2	2	2
18	2	2	3	2	2	3	3	2	2	1	1	1	1	1	1	2	2	2	3	4	5	3	2	2	2
19	2	2	2	2	2	3	5	5	4	2	1	2	2	2	1	1	2	3	4	7	6	4	4	4	3
20	2	2	3	6	6	8	9	11	8	8	11	8	5	2	3	1	1	2	3	6	8	17	41	21	8
21	17	19	17	22	18	20	19	6	5	5	7	6	4	3	2	2	2	3	9	12	9	11	5	7	10
22	13	15	12	16	9	3	2	2	1	1	1	1	1	1	1	2	2	2	3	16	24	10	12	12	7
23	11	14	11	7	5	8	13	7	5	4	3	3	-	0	0	0	0	0	0	0	0	0	0	0	4
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	-	2	2	3	3	2	1	1	1	1	2	2	1
27	3	5	0	1	1	1	3	3	3	3	1	1	2	2	3	4	4	3	4	5	4	4	2	3	3
28	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	16	25	25	14	4	5
29	4	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	4	7	4	5	2
30	4	5	5	2	3	4	3	3	3	3	2	-	2	2	1	1	2	2	3	5	4	2	1	1	3
MEAN	3	3	2	3	2	2	3	2	2	2	2	2	1	1	1	1	1	2	2	4	5	4	4	3	2.3

PERCENTAGE OF OATA VALIO - 99.0 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	1	2	1	1	1	1	1	2	1	2	1	2	2	3	6	9	7	7	7	2
2	8	8	6	4	12	14	24	18	4	4	2	3	2	1	1	1	1	0	1	1	1	1	1	3	5
3	-	2	5	5	4	5	2	1	1	1	1	1	-	2	11	8	7	16	4	2	1	1	1	1	4
4	1	1	1	0	1	3	4	1	1	2	1	3	4	3	2	3	2	3	2	3	4	3	2	2	2
5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1
6	3	2	2	1	1	0	1	0	1	1	0	1	1	1	0	1	0	0	0	1	1	1	1	0	1
7	0	0	0	0	0	0	1	1	1	0	0	-	1	0	0	0	0	0	1	3	7	5	3	1	1
8	1	1	1	1	3	12	3	3	3	2	1	1	1	1	1	1	2	1	1	2	2	3	3	4	2
9	7	6	5	3	2	4	6	3	3	2	3	4	2	3	4	3	4	4	5	6	8	10	15	11	5
10	10	11	11	7	10	15	13	13	7	3	3	4	2	2	2	2	4	4	1	1	1	3	6	2	6
11	1	2	2	0	0	4	2	1	1	1	1	1	-	1	1	1	1	1	2	5	6	4	4	2	2
12	2	3	6	7	5	4	5	5	6	4	1	2	3	2	2	2	2	2	2	2	1	1	1	1	3
13	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	5	14	14	7	3	3
14	2	2	2	1	1	5	5	5	3	3	2	-	1	1	1	1	2	3	4	3	3	8	10	8	3
15	5	2	1	1	4	4	5	5	2	2	2	1	1	1	1	2	2	5	3	3	3	4	3	2	3
16	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	5	16	17	8	8	3
17	9	13	11	12	12	18	19	13	8	4	5	4	-	2	2	2	1	1	1	1	3	11	22	26	9
18	23	15	12	8	14	16	10	4	2	4	2	2	2	1	1	1	1	1	2	4	6	17	18	8	7
19	4	3	0	1	6	8	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	7	6	2	2
20	1	2	3	2	4	1	1	1	1	1	1	0	1	1	1	1	1	1	1	5	10	9	10	7	3
21	1	3	4	3	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	3	2
22	3	1	1	1	2	5	5	4	2	2	2	1	0	0	0	0	0	1	1	1	1	0	0	0	1
23	0	0	1	1	4	12	10	2	2	1	1	1	1	1	1	1	1	1	1	1	1	3	4	2	2
24	4	3	2	2	2	3	6	10	8	6	3	1	0	0	0	0	1	2	2	3	2	0	4	11	3
25	2	2	1	1	1	2	6	7	5	6	-	-	5	6	6	6	7	6	6	5	5	5	5	1	4
26	1	1	0	0	0	0	1	1	0	1	1	1	1	1	0	1	1	1	1	2	2	2	3	2	1
27	3	4	5	4	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	6	8	7	4	3
28	7	3	2	2	2	6	14	7	5	3	2	1	-	1	1	3	3	4	3	4	6	4	3	2	4
29	2	2	2	2	7	7	10	9	6	2	4	4	1	1	1	1	2	5	3	3	5	2	2	5	4
30	12	10	4	1	1	1	2	6	7	7	5	4	2	2	1	1	1	1	1	1	6	28	28	28	7
31	21	13	7	9	9	16	19	13	8	7	6	5	-	1	1	1	1	1	1	1	4	3	3	2	7
MEAN	5	4	3	3	4	6	6	5	3	2	2	2	2	1	2	2	2	2	2	3	5	6	6	5	3.4

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	3	6	6	5	3	2	1	1	1	1	1	1	1	0	0	0	1	1	1	1	2	2	3	2
2	2	1	4	3	2	1	1	0	0	0	0	0	1	1	1	1	1	2	2	3	4	5	2	2	2
3	2	2	2	1	2	2	1	2	2	1	2	1	1	1	1	1	1	2	3	3	9	12	16	11	3
4	10	14	10	8	4	3	5	6	4	3	3	-	1	1	2	3	3	4	7	5	5	3	3	2	5
5	2	2	3	2	2	6	6	5	2	3	3	2	1	1	1	1	2	2	2	3	3	3	3	2	3
6	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1
7	1	0	0	0	0	1	1	1	1	1	1	1	1	-	1	1	1	1	2	3	8	8	6	2	2
8	1	1	2	3	1	1	1	4	3	2	2	3	3	2	2	3	3	3	4	4	6	7	6	6	3
9	6	5	4	6	5	4	4	3	3	2	2	3	2	2	2	1	1	1	1	1	2	3	2	4	3
10	2	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	2	2	1	1	1	1
11	1	1	1	1	1	1	2	2	1	-	-	1	1	1	1	1	1	1	2	3	7	13	4	2	2
12	1	1	1	1	2	5	5	3	1	1	1	1	1	1	-	-	2	3	2	2	3	3	2	2	2
13	1	1	1	1	2	3	4	3	1	1	1	1	1	1	1	1	1	1	2	3	9	12	11	15	3
14	6	2	2	3	4	14	8	5	4	2	1	-	1	1	2	1	1	2	2	2	3	3	4	4	3
15	3	3	2	1	2	3	4	5	4	3	2	2	2	2	2	2	2	3	3	4	4	4	4	5	3
16	4	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	3	3	4	8	15	3
17	7	8	10	8	5	3	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3
18	1	1	0	1	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	9	22	19	13	3
19	7	2	1	2	2	6	8	5	4	2	1	0	0	0	1	0	0	1	1	1	1	1	1	12	2
20	17	15	6	7	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	3	6	11	14	4
21	6	1	1	1	1	2	3	3	3	3	2	1	2	1	1	1	1	1	2	2	2	1	2	3	2
22	2	2	1	2	3	3	3	3	3	2	1	-	1	1	1	1	1	2	2	2	2	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	3	3	5	6	4	2	2
25	2	2	2	2	3	4	5	7	7	7	4	-	1	1	1	1	1	1	1	1	7	20	32	24	6
26	15	9	7	7	9	16	17	8	8	6	5	4	2	1	1	2	2	2	2	2	5	4	5	5	6
27	4	2	2	2	2	3	3	4	4	3	3	2	2	3	3	3	4	4	5	4	3	3	3	3	3
28	3	1	1	1	1	4	7	3	3	3	4	3	4	3	2	1	1	1	1	2	2	2	2	2	2
29	3	2	1	1	1	1	1	1	1	1	1	-	1	1	2	2	1	1	1	1	2	3	2	1	1
30	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1
MEAN	4	3	3	3	2	3	3	3	2	2	2	1	1	1	1	1	1	2	2	2	4	5	5	5	2.7

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	1	2	1	1	1	2	1
2	2	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	3	2	2	1	1	2
3	1	0	1	1	1	3	3	3	2	2	2	2	2	1	1	1	1	1	1	2	2	3	3	2	2
4	2	2	1	2	2	5	6	9	5	1	2	-	1	1	1	1	1	1	1	1	2	2	2	1	2
5	1	2	1	1	1	3	3	2	1	1	1	1	1	1	1	1	1	1	2	5	4	3	2	1	2
6	1	1	1	1	2	3	3	3	2	1	2	-	1	1	1	1	1	1	2	3	6	9	6	5	2
7	4	4	4	3	6	9	8	5	5	4	6	4	3	2	2	1	1	1	2	3	4	4	6	6	4
8	13	10	6	3	3	2	3	3	2	6	3	2	1	1	1	1	1	1	1	1	3	8	35	36	6
9	22	8	6	6	8	12	6	4	3	2	2	2	2	1	1	1	1	1	1	3	7	8	13	5	5
10	2	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	2	3	6	3	3	3	3	2	2
11	3	5	6	4	3	3	4	2	2	2	2	3	2	2	2	1	2	1	2	3	1	3	7	10	3
12	8	8	13	10	6	5	4	3	2	2	2	2	1	1	1	1	1	1	3	8	9	8	10	9	5
13	15	8	8	5	4	6	9	10	4	2	2	1	1	1	1	1	1	1	1	1	5	20	22	14	6
14	9	6	5	5	7	8	9	6	3	2	2	2	2	2	2	1	1	1	1	1	2	2	3	4	4
15	4	4	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	12	7	6	3
16	5	3	3	3	2	5	7	4	3	3	2	2	3	2	2	4	3	2	2	2	2	2	2	1	3
17	1	1	1	1	1	1	3	4	5	3	1	1	-	1	1	1	1	1	1	2	3	3	3	2	2
18	2	2	2	2	2	4	4	5	4	5	6	5	4	3	2	1	1	1	1	2	4	5	5	3	3
19	3	3	4	4	5	10	9	6	4	6	6	4	2	2	1	1	1	1	1	2	3	5	9	8	4
20	3	3	3	3	4	5	5	3	4	7	5	-	3	2	1	1	1	1	1	3	6	5	4	4	3
21	5	8	4	3	3	5	5	8	8	7	7	5	4	3	3	3	1	1	1	3	7	7	10	7	5
22	6	6	4	2	2	4	4	2	2	1	1	1	1	1	1	1	1	1	2	3	4	8	11	4	3
23	2	3	4	3	3	7	11	9	4	3	2	-	3	1	1	1	1	2	2	2	1	2	3	2	3
24	4	2	1	2	2	1	1	2	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2
25	2	2	2	2	2	4	4	4	3	3	3	3	2	2	3	3	3	2	3	4	3	3	3	3	3
26	2	3	-	3	4	3	4	5	2	3	2	1	2	2	2	2	2	3	3	3	3	2	2	2	3
27	2	1	2	2	2	3	4	3	4	5	4	-	1	1	1	1	2	1	2	3	4	4	6	21	3
28	19	12	8	7	8	6	5	5	3	3	4	3	2	2	2	2	2	2	3	5	5	3	3	4	5
29	4	4	5	3	2	2	2	2	1	1	2	2	1	1	1	2	1	1	2	3	13	33	18	9	5
30	6	3	3	4	4	12	17	9	7	6	5	-	2	2	1	1	1	1	1	1	2	2	2	2	4
31	1	2	3	3	1	1	3	3	3	3	3	2	2	2	2	2	3	2	3	3	5	4	3	3	3
MEAN	5	4	4	3	3	4	5	4	3	3	3	2	2	2	1	1	1	1	2	3	4	6	7	6	3.3

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	3	7	9	4	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2
2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	2	4	6	5	7	7	2
3	6	5	2	2	2	8	6	4	5	6	-	2	2	1	1	1	1	1	2	4	6	6	8	4	4
4	2	2	1	1	0	5	1	2	1	1	1	1	0	0	0	0	0	0	2	5	7	5	2	2	2
5	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	6	5	4	2	1
6	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3	14	25	12	5	3
7	7	9	6	3	4	13	25	13	4	1	1	-	3	2	2	2	2	3	3	1	2	2	1	1	5
8	2	2	2	2	1	3	5	4	3	4	2	4	2	2	2	1	1	2	2	3	7	6	6	4	3
9	2	2	1	1	4	10	3	2	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	******
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	-	-	-	-	-	-	-	-	-	-	4	4	3	2	3	3	3	4	3	3	3	4	2	2	******
18	2	2	2	1	1	1	1	1	2	2	2	3	2	2	2	3	2	2	2	2	2	2	4	5	2
19	4	7	6	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2	4	17	14	9	7	4
20	6	4	2	3	3	9	11	8	5	1	1	1	1	1	1	1	1	1	1	1	2	3	11	14	4
21	10	10	5	3	5	9	15	13	11	6	5	4	3	1	0	0	0	0	1	8	15	32	16	13	8
22	10	5	2	2	2	7	12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
23	1	1	4	3	3	2	1	2	1	1	1	1	2	2	2	3	2	2	1	1	2	2	3	2	2
24	2	2	2	1	1	1	2	2	1	1	1	1	2	1	1	1	1	2	2	2	2	2	3	2	2
25	2	1	1	1	1	1	1	1	1	-	1	1	1	1	2	2	1	1	2	4	6	6	7	8	2
26	8	11	6	4	4	3	3	2	2	1	1	1	0	0	0	0	0	0	0	1	1	13	5	4	3
27	1	1	1	1	2	4	6	12	6	2	1	-	0	0	0	0	0	1	1	2	2	5	6	10	3
28	10	8	5	2	2	4	9	4	2	2	1	1	1	0	0	0	0	0	1	1	1	2	1	0	2
29	1	3	0	0	0	0	0	1	2	1	1	1	1	0	1	1	2	2	3	2	3	3	3	3	1
30	3	1	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	2	3	3	5	7	6	4	2
31	2	2	2	1	3	7	10	12	5	5	2	0	0	0	0	0	0	0	0	1	2	8	23	23	5
MEAN	4	4	2	2	2	4	5	4	3	2	1	1	1	1	1	1	1	1	2	3	5	7	6	5	2.8

PERCENTAGE OF OATA VALID - 73.8 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 26.2

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	7	4	7	11	17	22	10	5	3	3	3	1	1	1	1	0	0	0	1	4	5	20	3	6
2	1	0	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	2	1	2	1
3	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	3	2	1	1	1	1
4	1	1	1	1	1	3	4	8	7	7	2	-	1	1	1	1	1	1	2	2	3	9	24	16	4
5	12	7	6	6	9	10	16	18	4	3	1	1	0	0	1	1	1	1	1	2	5	6	4	6	5
6	5	5	4	3	4	5	9	6	4	3	2	1	1	2	2	2	2	2	2	2	3	2	2	2	3
7	1	1	1	1	1	2	3	4	3	3	3	-	6	4	3	4	4	3	3	3	3	2	2	2	3
8	0	1	0	0	1	2	2	2	2	2	2	2	3	2	1	1	1	1	3	18	17	6	9	6	4
9	5	4	3	3	3	3	4	4	3	3	3	2	1	1	1	0	1	1	1	1	2	5	9	12	3
10	6	3	2	1	1	5	3	2	1	1	1	-	2	4	3	3	3	3	3	2	2	4	5	4	3
11	2	3	3	2	4	5	12	14	9	11	10	6	6	3	1	1	2	2	3	5	18	35	29	14	8
12	0	0	1	1	7	16	23	25	2	1	1	2	2	2	3	1	2	2	2	2	1	1	2	2	4
13	4	8	9	10	14	20	27	10	4	2	3	3	3	2	2	3	3	3	3	2	2	2	2	2	6
14	1	1	1	1	1	2	3	3	3	2	2	-	2	2	2	2	3	2	3	3	3	2	3	2	2
15	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	3	4	6	7	3	3	6	3
16	7	11	4	1	1	2	3	4	3	2	2	1	1	1	2	2	2	2	2	5	8	6	4	2	3
17	2	3	2	1	2	4	7	6	3	3	3	2	2	1	1	2	2	1	2	4	4	4	4	3	3
18	3	2	2	2	2	2	2	4	5	3	2	2	2	1	2	2	2	3	2	2	2	2	1	1	2
19	1	1	1	1	1	3	9	4	3	1	2	1	1	0	1	1	1	1	8	10	6	10	5	4	3
20	6	8	5	4	9	13	24	22	8	6	4	1	1	1	2	2	2	2	3	5	5	4	3	2	6
21	2	2	2	2	2	2	3	5	4	3	3	2	2	2	2	2	4	4	5	9	5	3	3	3	3
22	2	1	1	1	1	1	3	4	5	5	3	2	2	1	1	1	2	2	3	2	2	2	2	2	2
23	2	2	2	2	2	2	2	3	3	2	1	1	0	0	1	1	1	1	9	29	40	29	15	13	7
24	14	17	14	12	1	11	28	26	9	2	1	1	1	1	1	2	2	2	2	1	18	28	23	12	10
25	6	8	14	14	13	13	10	14	8	4	6	5	3	2	2	2	2	3	6	7	7	7	17	15	8
26	6	3	2	2	2	4	7	7	4	3	4	3	2	2	2	2	2	4	21	26	19	10	13	10	7
27	6	7	4	6	7	17	35	34	15	9	5	4	2	2	2	3	2	2	3	20	37	35	33	31	13
28	29	24	20	16	17	18	4	3	2	2	2	2	4	6	6	3	2	2	4	17	22	28	19	15	11
29	9	12	15	13	17	20	14	7	2	2	2	1	1	1	1	1	1	1	1	9	22	14	13	7	8
30	11	10	10	4	5	6	4	5	5	4	3	3	3	2	2	1	2	3	6	14	10	4	3	3	5
MEAN	5	5	5	4	5	7	10	9	4	3	3	2	2	2	2	2	2	2	4	7	9	9	9	7	4.9

PERCENTAGE OF OATA VALID - 99.4 * PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	3	2	2	11	17	11	12	-	16	11	9	8	3	2	1	5	4	9	14	20	21	8
2	16	5	4	4	3	5	7	14	6	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
3	1	1	1	1	1	1	1	1	1	4	3	-	8	4	5	4	3	3	3	3	-	-	-	-	3
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	10	18	12	7	4	3	3	2	2	******
6	1	1	1	1	1	2	2	2	3	3	3	2	2	2	3	2	2	2	2	3	3	4	3	3	2
7	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
8	1	1	1	1	1	1	2	2	1	1	1	1	2	2	3	2	4	4	1	1	1	2	2	4	2
9	4	7	4	2	3	2	2	3	2	2	2	-	1	2	2	4	3	5	14	14	10	15	13	8	5
10	5	4	3	4	6	17	22	24	23	13	6	3	2	2	3	2	2	2	2	11	7	8	15	6	8
11	3	3	3	3	12	14	25	34	22	15	14	3	2	2	3	2	2	2	2	3	2	2	2	1	7
12	1	1	1	1	1	2	7	12	12	4	2	2	-	2	4	7	11	8	18	9	3	3	3	2	5
13	1	1	1	1	1	3	3	4	4	2	2	2	2	2	2	3	3	3	4	5	4	3	7	2	3
14	3	2	2	2	2	2	2	2	2	2	1	1	1	1	0	1	1	1	2	2	4	6	3	2	2
15	1	2	2	1	1	3	11	15	13	12	14	-	4	3	2	3	3	4	13	24	19	3	6	4	7
16	11	8	1	1	1	1	1	1	1	1	0	-	-	-	0	0	0	1	1	1	2	3	11	20	3
17	16	18	17	17	16	18	23	21	18	16	22	-	B	9	10	12	11	13	15	17	23	24	33	35	18
18	17	4	3	1	1	3	4	6	8	5	1	2	2	1	1	1	1	1	2	3	5	4	2	2	3
19	2	2	3	3	3	1	1	2	2	2	2	2	-	2	2	3	3	4	11	3	3	1	2	3	3
20	1	1	1	1	2	1	1	3	3	4	4	4	3	4	4	4	3	3	3	2	4	4	2	1	3
21	2	1	2	1	1	1	2	3	3	2	2	3	3	1	2	1	2	3	3	3	3	4	4	3	2
22	2	2	3	2	2	2	5	10	4	3	3	-	2	2	3	2	2	2	2	3	9	B	7	7	4
23	3	3	2	1	1	1	1	4	3	3	3	3	2	2	2	2	3	3	2	3	3	2	3	2	2
24	2	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
25	0	0	0	0	0	1	2	3	1	1	1	1	2	1	2	1	2	2	3	4	4	1	2	2	2
26	2	1	0	0	0	1	1	3	3	1	1	1	1	1	2	3	3	3	3	3	3	4	4	4	2
27	2	5	5	4	3	1	2	3	5	2	1	0	2	1	1	1	1	1	2	2	1	1	1	1	2
28	2	2	1	1	2	2	3	2	1	2	2	2	2	2	3	2	3	3	3	3	3	3	3	1	2
29	1	1	1	1	1	1	3	6	4	3	2	2	2	2	4	4	4	4	4	4	4	7	20	17	4
30	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
31	1	1	1	1	1	1	2	3	1	1	1	1	1	1	2	2	1	1	2	2	1	3	13	23	3
MEAN	4	3	2	2	2	3	5	7	6	4	4	2	3	2	3	3	3	3	4	5	5	5	6	6	3.9

PERCENTAGE OF DATA VALID - 93.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 6.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	22	14	4	2	2	6	16	28	3	1	-	1	3	5	2	6	19	8	3	2	3	3	3	8
2	3	3	1	1	1	3	3	7	10	4	2	2	2	3	2	3	4	7	9	12	8	5	5	6	4
3	9	13	15	7	B	6	6	B	8	3	3	3	1	1	1	3	2	4	4	7	7	5	4	6	6
4	6	4	3	1	1	1	1	1	2	2	2	2	1	1	1	1	3	6	7	3	9	19	11	13	4
5	17	15	10	10	8	B	15	33	39	13	7	4	1	1	1	1	1	2	2	-	3	12	21	17	10
6	11	10	11	9	11	12	13	16	17	19	14	7	5	5	6	7	6	7	12	21	22	20	19	22	13
7	15	4	2	1	1	1	1	3	3	3	1	1	1	1	2	2	3	3	3	2	3	3	3	3	3
8	2	2	2	1	1	1	1	1	1	2	3	3	3	3	3	4	4	3	5	7	7	9	12	17	4
9	13	10	13	13	10	9	13	25	34	23	3	1	2	1	1	1	2	2	2	2	2	2	2	4	8
10	7	4	4	4	3	2	2	3	2	2	2	1	1	2	3	3	3	4	4	5	3	3	3	3	3
11	3	3	3	2	1	1	1	2	3	5	3	2	3	1	1	1	1	1	4	4	4	4	4	4	3
12	3	3	2	1	1	1	1	3	3	3	2	3	4	4	3	2	-	9	19	29	23	18	11	15	7
13	16	14	13	11	9	9	B	8	8	6	4	4	4	-	-	-	-	-	-	-	-	-	-	-	******
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	4	3	3	4	4	4	3	2	******
17	1	1	2	2	2	1	1	1	3	3	3	3	3	3	3	3	14	32	41	52	52	38	15	12	12
18	13	10	11	10	10	9	9	11	15	10	7	7	9	9	9	8	6	4	2	2	3	3	6	6	8
19	3	1	2	2	2	2	2	5	9	9	3	-	1	1	1	1	1	4	13	14	16	16	17	11	6
20	11	14	12	12	17	11	5	4	4	3	4	2	2	2	2	4	5	6	4	4	7	12	5	2	6
21	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	1	2	1
22	2	4	2	2	2	2	3	4	2	2	3	3	3	2	2	5	3	4	4	3	2	2	2	2	3
23	2	1	2	3	2	2	2	2	3	3	3	3	-	4	3	6	6	10	8	B	8	10	10	13	5
24	14	12	3	2	1	2	2	3	3	3	3	4	3	4	4	4	7	14	10	16	11	12	22	41	8
25	46	48	33	19	12	8	B	9	11	14	7	3	3	1	1	1	1	1	1	1	1	1	1	1	10
26	1	1	1	2	2	5	4	3	2	3	3	-	-	3	3	3	2	2	1	1	1	2	1	2	2
27	2	2	2	1	1	1	2	3	4	3	3	3	3	3	3	4	4	9	13	11	9	4	2	2	4
28	2	2	2	2	1	1	3	3	2	1	1	1	1	1	1	1	2	2	2	3	3	3	2	2	2
29	2	2	1	1	1	1	1	4	4	2	2	1	1	1	1	1	3	3	3	3	2	2	2	2	2
30	2	2	1	1	0	1	1	1	1	1	1	-	-	-	3	3	5	5	6	5	5	3	3	4	3
MEAN	8	B	6	5	4	4	4	7	8	5	3	3	2	2	3	3	4	6	7	9	8	8	7	9	5.6

PERCENTAGE OF DATA VALID - 88.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 11.4

NOTES 1. "*****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	3	3	3	3	5	5	6	8	12	13	11	9	7	5	3	3	2	2	5
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	5	8	12	9	7	10	6	6	4
3	3	3	3	2	3	3	4	5	5	3	3	3	-	1	1	2	3	3	3	3	6	2	2	3	3
4	2	4	4	4	4	4	4	5	6	5	3	3	3	3	2	4	4	5	11	7	5	6	5	6	5
5	4	4	4	4	3	3	3	6	4	3	3	4	3	4	4	5	5	4	5	5	5	4	4	4	4
6	4	3	2	2	2	3	6	8	10	6	4	5	5	5	5	6	5	5	5	5	5	5	5	5	5
7	4	4	4	4	4	6	6	12	5	1	1	1	-	3	4	3	3	4	4	2	3	3	3	3	4
8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2
9	3	2	1	1	1	1	1	1	1	3	2	2	1	1	2	3	3	2	3	3	3	3	3	3	2
10	2	2	2	2	2	4	9	13	3	2	3	3	-	-	5	5	4	4	2	1	4	4	3	4	4
11	4	4	2	1	1	1	3	4	4	4	4	4	4	-	2	4	4	5	6	6	6	4	3	4	4
12	4	3	3	3	3	3	3	3	3	3	3	3	3	2	2	3	4	3	3	3	3	2	1	1	3
13	2	2	2	2	2	3	4	5	5	2	4	2	2	5	8	10	11	11	12	11	8	6	3	2	5
14	3	3	3	3	3	3	3	4	4	3	3	3	-	2	3	3	3	3	4	4	4	4	4	4	3
15	3	4	4	5	5	5	7	14	17	7	5	5	5	3	3	3	4	4	4	4	4	5	4	4	5
16	4	4	4	4	3	3	3	3	3	4	5	4	4	4	6	4	1	1	1	0	0	0	0	0	3
17	0	0	1	1	-	-	-	-	-	-	-	-	1	1	1	1	3	3	3	2	2	2	2	2	2
18	2	2	1	1	2	3	4	4	5	4	5	3	3	-	-	-	15	17	18	12	1	1	1	1	5
19	2	2	3	2	3	2	2	3	3	4	3	3	3	7	2	3	3	3	3	1	7	2	6	7	3
20	7	6	6	3	5	5	7	10	11	10	12	13	16	17	19	10	23	28	31	39	29	28	28	22	16
21	22	23	18	16	14	15	23	30	38	31	22	18	-	-	15	9	4	4	19	23	51	68	57	51	26
22	48	31	27	7	3	3	3	2	2	4	5	8	6	8	8	8	9	8	14	11	19	23	11	11	12
23	11	6	5	5	6	4	5	5	4	6	4	4	4	4	4	5	5	4	4	5	6	7	9	8	5
24	6	7	7	8	6	8	6	3	5	5	3	2	1	1	1	1	2	2	2	2	2	4	4	4	4
25	5	5	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
26	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	4	3	2	1	2
27	1	1	1	1	0	0	1	3	3	2	2	2	-	-	2	2	3	3	3	3	3	2	2	2	2
28	2	2	1	1	1	1	2	3	2	2	2	2	2	2	2	2	3	3	3	3	4	4	2	2	2
29	2	2	2	2	2	2	2	2	3	2	2	2	2	3	4	4	4	4	4	4	3	3	2	2	3
30	3	4	2	2	2	3	3	4	4	4	3	3	3	3	3	3	4	8	22	12	8	9	16	28	7
31	32	18	6	2	2	2	4	8	10	14	-	2	2	3	3	3	3	3	13	9	13	15	15	6	8
MEAN	6	5	4	3	3	3	4	6	6	5	4	4	3	4	4	4	5	5	7	6	7	8	7	7	5.1

PERCENTAGE OF OATA VALIO - 97.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 3.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	4.2	11	24
FEB	27	4.4	11	51
MAR	31	4.3	13	45
APR	30	2.3	10	41
MAY	31	3.4	9	28
JUN	30	2.7	6	32
JUL	31	3.3	6	36
AUG	22	2.8	8	32
SEP	30	4.9	13	40
OCT	29	3.9	18	35
NOV	26	5.6	13	52
OEC	31	5.1	26	68
YEAR	334	3.9	26	68

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	313	40	32	5	0	0	0	390
FEB	489	93	49	15	0	0	1	647
MAR	582	83	50	14	4	1	0	734
APR	646	36	25	5	0	1	0	713
MAY	604	83	39	8	0	0	0	734
JUN	637	49	21	2	1	0	0	710
JUL	630	84	16	3	3	0	0	736
AUG	471	53	20	4	1	0	0	549
SEP	546	82	59	21	8	0	0	716
OCT	584	37	56	13	3	0	0	693
NOV	454	85	75	12	6	4	2	638
DEC	575	76	44	16	6	1	4	722
YEAR	6531	801	486	118	32	7	7	7982

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.1	0	0.1	0.9	1.8	3.1	8.4	13.4	20.3	24.9	68	3.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	5	3	2	3	4	4	3	3	1	2	1	1	******
11	1	1	5	5	4	6	9	12	8	8	5	7	8	8	5	4	5	6	6	5	4	3	3	4	6
12	3	3	5	4	3	3	4	5	5	5	5	6	7	8	9	11	13	13	12	11	8	6	5	5	7
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	7	6	7	3	3	3	3	2	-	******
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	-	-	8	7	10	9	9	5	3	1	1	1	1	******
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	-	3	3	3	3	3	3	3	3	2	2	2	2	1	1
26	1	1	1	1	1	1	1	1	1	1	2	1	-	-	3	3	3	3	2	2	2	3	3	3	2
27	3	3	1	1	1	1	3	3	3	3	4	2	3	3	3	4	4	4	6	7	7	6	5	4	4
28	5	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	2	2	2	2	2	2	1	1	1	1
MEAN	2	1	2	2	1	2	2	3	2	2	2	2	3	3	3	4	4	4	3	3	3	2	2	2	2.6

PERCENTAGE OF DATA VALID - 36.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 63.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	-	-	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	-	2	1	1	1	1	1	2	2	2	2	2	1	1	1
9	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	1	2	1	1	2	2	2	3	1
10	3	3	3	3	3	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	4	7	8	10	11	3
12	9	8	4	4	6	6	7	6	4	3	3	4	4	4	4	4	4	3	3	4	2	1	1	1	4
13	1	1	1	1	1	1	1	3	2	1	1	1	3	3	-	3	1	2	2	3	3	3	2	2	2
14	2	2	2	2	1	1	3	4	5	4	2	-	4	2	4	6	7	4	4	3	3	3	2	1	3
15	1	1	1	1	1	2	3	3	3	2	2	4	4	4	4	4	7	8	5	3	1	1	1	1	3
16	1	1	1	1	1	1	4	4	5	2	3	3	3	2	2	3	3	3	3	2	2	1	1	1	2
17	1	1	1	1	1	1	1	2	1	1	2	1	3	1	1	1	1	2	2	2	2	3	1	1	1
18	2	3	3	2	2	2	2	2	2	3	3	3	4	4	4	5	3	3	3	3	3	3	3	3	3
19	2	2	2	3	3	5	13	16	9	8	5	-	-	3	3	5	2	3	5	20	20	11	11	10	7
20	9	9	10	9	7	6	8	8	8	10	9	7	6	5	6	6	8	12	10	10	14	17	13	18	9
21	23	16	11	9	8	7	8	12	11	10	9	11	15	17	10	5	5	5	5	4	4	3	2	1	9
22	1	1	1	1	1	1	2	2	2	2	-	2	3	2	2	4	6	7	9	14	10	9	6	3	4
23	3	2	1	1	2	1	3	3	3	4	4	5	6	6	7	9	12	18	15	15	18	15	13	12	7
24	5	4	6	6	5	4	5	3	4	3	3	2	3	3	3	3	2	2	2	3	2	1	1	1	3
25	1	1	1	1	1	1	1	1	1	1	1	3	3	2	1	2	2	3	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	3	2	2	2	1	2	1	3	3	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	1	3	1	1	1	-	1	2	2	2	2	1	2	2	2	1	2	1
28	1	1	1	5	8	11	20	15	8	10	9	10	12	9	6	5	8	10	20	27	30	18	17	16	12
MEAN	3	2	2	2	2	2	3	3	3	3	2	3	3	3	2	3	3	3	4	5	5	4	3	3	2.9

PERCENTAGE OF DATA VALIO - 98.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	9	6	3	2	3	4	4	4	3	4	5	5	5	4	5	7	10	7	5	3	4	4	4	5
2	3	2	1	2	1	1	2	4	3	3	2	-	2	1	1	1	4	10	13	12	9	8	5	4	4
3	5	4	5	3	1	2	3	4	4	5	7	7	6	6	6	5	6	6	5	6	6	7	6	6	5
4	3	3	3	2	1	1	1	1	3	3	3	3	4	5	5	5	5	5	5	7	5	5	5	6	4
5	5	4	4	3	3	6	12	7	7	7	5	4	3	5	5	3	3	4	9	10	7	5	5	4	5
6	4	5	4	5	5	6	10	12	15	13	13	-	7	7	9	6	5	4	4	3	4	5	3	3	7
7	4	4	2	2	2	3	23	34	22	10	5	5	5	5	5	5	5	8	13	11	10	9	10	12	9
8	7	4	4	2	2	2	4	6	5	3	2	3	2	2	2	3	3	5	5	4	3	3	3	3	3
9	3	2	2	2	3	8	22	35	14	10	-	-	6	7	8	11	15	14	9	9	6	5	5	4	9
10	4	4	5	4	3	2	3	4	3	5	4	5	4	4	4	4	4	3	3	3	1	1	1	1	3
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	5	5	2
13	7	5	5	3	2	4	7	6	7	6	6	5	-	7	8	11	18	24	10	4	3	3	3	3	7
14	3	3	2	2	2	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	3	5	6	1
16	9	11	7	5	4	5	8	7	4	3	1	-	-	3	5	4	3	3	3	12	17	7	4	4	6
17	4	4	6	9	11	12	12	10	7	3	2	6	6	7	8	9	10	10	10	9	8	8	7	8	8
18	7	7	6	4	3	3	4	4	3	2	2	2	4	4	4	4	4	5	12	18	9	5	4	4	5
19	4	2	1	1	1	2	7	4	3	3	-	5	5	5	3	5	5	8	14	11	10	16	20	20	7
20	9	5	3	2	2	5	8	11	5	3	1	1	3	3	4	8	10	4	4	4	5	5	3	3	5
21	4	6	6	5	4	4	10	10	5	4	4	5	6	5	5	6	7	7	9	14	19	31	39	45	11
22	36	20	16	20	18	10	12	14	6	9	9	7	7	9	9	10	11	13	23	29	19	14	23	15	15
23	7	4	2	2	2	2	4	4	4	4	-	6	6	6	10	8	8	10	9	8	6	7	6	5	6
24	4	3	2	1	1	1	2	2	3	3	3	3	5	5	6	6	5	5	4	3	3	3	4	4	3
25	3	3	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	2	3	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	0	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1
28	4	4	4	4	3	7	8	8	8	5	3	4	-	-	-	5	5	5	5	5	5	6	5	8	5
29	7	5	5	5	5	12	25	32	22	9	6	8	4	3	3	3	4	5	4	5	4	10	13	7	9
30	4	3	3	2	2	2	3	4	5	5	8	-	9	12	13	20	20	25	13	10	25	29	33	23	12
31	19	14	7	11	9	6	4	4	5	5	8	4	3	2	2	2	2	2	2	2	1	2	2	2	5
MEAN	6	5	4	4	3	4	7	8	6	4	4	4	4	4	5	5	6	7	7	7	6	7	7	7	5.4

PERCENTAGE OF DATA VALIO - 98.0 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 2.0

NOTES 1. "*****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	2	4	5	5	4	4	4	4	4	3	3	3	2	1	2
2	1	1	1	1	1	1	2	2	4	4	5	7	6	7	9	15	12	6	5	3	4	4	3	1	4
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	3	1	1
4	1	2	6	7	7	6	8	5	4	4	-	3	4	3	3	4	4	4	3	2	2	1	1	2	4
5	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	3	5	8	4	3	2	2
6	2	2	1	1	1	1	1	1	1	1	1	-	-	-	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1
8	2	2	2	2	2	1	1	1	2	3	4	4	5	4	5	5	7	7	5	4	4	3	3	1	3
9	1	1	1	1	1	1	1	2	2	2	1	2	3	2	2	3	3	3	3	3	6	8	6	3	3
10	3	1	1	1	2	1	1	2	3	3	3	3	1	-	1	2	1	1	1	2	2	2	2	2	2
11	2	1	1	1	1	3	3	3	3	4	4	-	-	-	5	7	7	10	12	14	14	4	3	3	5
12	2	1	3	1	3	2	3	3	4	3	3	4	-	4	6	10	9	7	7	9	8	4	4	3	4
13	3	2	2	2	1	1	1	1	1	1	2	3	3	3	3	2	2	3	3	3	3	3	3	3	2
14	3	3	1	1	1	1	1	3	3	3	3	3	3	3	6	7	7	6	5	4	4	4	4	6	4
15	9	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	3	3	1	2	1	2	2
17	1	1	1	1	1	1	2	2	3	1	1	1	-	1	2	2	2	2	2	2	3	3	1	2	2
18	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	2	2	2
19	1	1	1	1	1	1	2	1	1	1	1	2	2	2	2	2	2	2	3	3	2	2	3	3	2
20	3	3	3	4	2	5	5	9	12	7	6	-	-	5	5	4	4	6	6	14	23	24	26	28	9
21	27	33	36	32	22	17	12	6	9	7	8	9	7	17	10	9	8	10	10	8	7	8	11	12	14
22	8	7	6	6	4	3	2	2	2	2	2	2	3	2	4	4	4	4	6	8	11	15	13	6	5
23	4	3	2	2	2	3	2	3	2	6	6	3	2	3	3	3	5	5	12	11	15	19	17	11	6
24	6	5	6	5	4	4	9	9	9	7	6	6	7	7	7	7	7	11	10	8	5	5	4	4	7
25	3	2	2	2	2	3	5	8	7	5	6	7	7	7	6	6	7	11	16	19	21	17	9	7	8
26	5	4	4	5	5	5	8	10	10	8	7	8	7	7	6	10	8	9	9	7	5	4	4	3	7
27	3	3	3	3	2	2	2	2	2	2	2	-	2	2	1	2	2	2	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	1	4	4	5	6	7	8	11	9	8	7	8	9	7	7	6	4	5
29	7	5	1	1	1	1	1	1	1	1	2	3	3	2	1	3	3	4	4	6	9	13	8	3	4
30	4	2	1	3	5	6	10	7	4	4	-	5	5	7	7	6	6	7	5	3	3	4	9	6	5
MEAN	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	5	4	5	5	5	6	6	5	4	3.9

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "*****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	2	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
2	0	0	1	1	3	4	2	2	1	2	5	2	2	2	3	4	7	6	7	3	3	5	3	1	3
3	1	1	0	0	0	2	3	2	2	2	4	4	4	5	6	9	13	11	11	6	2	2	1	0	4
4	0	0	0	0	0	0	1	1	0	****	1	1	2	6	5	8	-	2	2	2	3	2	1	0	2
5	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	3	3	3	2	3	2	2	1	1
6	2	2	2	1	0	1	1	2	2	2	2	2	3	3	3	3	2	3	2	3	3	3	3	2	2
7	1	1	0	1	1	2	2	4	2	2	2	2	2	2	3	4	3	9	4	7	7	5	3	1	3
8	1	1	1	1	2	8	18	10	7	7	6	8	8	6	6	6	7	10	12	10	8	6	6	5	7
9	6	5	3	11	11	20	28	13	6	3	3	2	2	3	3	2	4	4	4	4	5	8	7	13	7
10	14	19	18	17	19	18	28	19	11	5	5	12	5	5	6	6	7	5	3	8	6	5	7	11	11
11	9	8	7	2	2	14	6	4	4	6	6	7	5	8	7	8	9	7	6	4	6	4	2	5	6
12	10	5	3	5	2	1	5	3	3	6	4	3	2	2	2	2	2	2	2	2	0	0	0	0	3
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	3	5	7	1
14	5	4	5	6	3	5	13	4	5	3	3	3	2	5	7	7	7	4	11	8	14	12	9	2	6
15	2	4	3	2	2	3	3	10	15	11	9	4	4	3	3	4	4	4	2	4	2	1	0	1	4
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0
17	-	0	3	****	4	10	5	7	4	4	4	5	4	3	7	6	8	8	10	12	10	10	13	7	7
18	5	3	1	1	2	4	6	6	6	5	7	****	6	5	7	6	6	8	5	6	6	5	3	3	5
19	4	3	3	2	2	2	3	3	3	4	3	4	4	2	3	3	3	3	4	4	2	2	3	3	3
20	2	3	1	1	1	2	2	2	3	3	3	2	2	3	2	3	3	3	6	3	4	5	11	10	3
21	****	4	2	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	1
22	0	0	0	0	1	2	2	1	1	****	3	3	2	2	2	5	6	5	5	6	6	3	3	****	3
23	1	1	0	0	0	2	2	2	2	5	5	5	3	4	5	5	8	7	9	9	8	6	4	2	4
24	1	1	1	0	1	1	1	2	1	2	1	2	2	1	2	4	3	6	8	10	10	5	2	0	3
25	0	0	0	0	-	****	0	2	2	2	****	****	****	2	2	2	2	2	1	1	1	1	2	1	1
26	1	2	1	1	3	2	2	3	3	4	6	6	6	5	5	4	4	5	4	4	3	3	3	1	3
27	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	5	3	5	5	4	5	6	3	3
28	1	1	1	1	2	3	5	5	7	6	7	3	3	3	3	4	5	4	4	7	8	6	6	6	4
29	6	4	6	5	4	4	7	11	15	12	8	9	9	6	8	8	7	10	10	9	10	7	5	5	8
30	5	5	3	4	7	6	5	5	2	4	6	4	4	4	5	5	4	4	4	5	6	8	10	13	5
31	12	11	10	7	6	7	22	23	14	****	****	5	4	5	6	6	6	6	9	12	9	9	7	4	9
MEAN	3	3	3	2	3	4	6	5	4	4	4	4	3	3	4	4	5	5	5	5	5	4	4	4	3.9

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF OATA INVALID - 1.6 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "*****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINE5CENT UNIT5 - 0.01 PARTS/MILLION

5TATION - C NO 45025 RITSON RD/OLIVE AVE, O5HAWA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	3	7	11	11	4	2	4	****	-	-	6	7	7	9	10	11	15	9	11	11	7
2	10	7	3	7	9	3	1	1	0	0	0	0	2	2	2	2	2	3	3	2	1	2	4	3	3
3	5	4	3	3	4	1	2	3	2	2	2	2	1	1	1	2	1	1	1	2	5	5	3	8	3
4	9	7	6	3	6	8	10	9	4	3	1	3	3	3	4	5	5	5	6	6	9	6	4	6	5
5	7	5	4	3	4	12	5	3	2	3	2	-	1	1	2	1	1	1	1	1	3	3	2	1	3
6	0	0	0	0	0	2	3	3	3	3	3	3	3	3	3	4	5	3	4	7	7	6	3	4	3
7	3	2	1	1	1	4	3	6	6	5	5	5	5	6	6	6	6	6	5	5	5	4	3	4	4
8	3	3	2	6	9	17	16	10	6	5	4	****	4	4	4	3	3	4	4	4	3	7	8	8	6
9	8	8	6	7	6	9	8	11	7	7	5	4	6	5	4	6	5	5	5	5	5	3	3	3	6
10	3	3	3	2	2	2	2	3	4	4	4	4	2	2	2	2	2	2	2	2	2	3	2	0	2
11	0	1	0	0	0	2	3	2	2	1	2	2	2	1	2	****	1	-	-	1	3	1	1	2	1
12	****	1	0	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	****	1	2	1	2	1	1
13	1	1	1	1	1	1	3	2	1	0	0	0	0	29	29	0	0	0	0	1	1	3	5	7	4
14	10	9	8	3	****	18	****	****	9	4	3	3	3	6	6	8	6	7	5	9	5	5	8	6	7
15	8	6	7	12	8	6	22	9	5	3	****	****	3	3	4	4	4	3	3	4	4	3	3	4	6
16	2	3	3	1	2	6	5	4	5	4	4	4	4	3	2	1	2	1	2	2	2	3	7	9	3
17	9	7	7	2	2	2	4	2	1	1	1	3	3	4	3	2	1	1	1	2	2	1	1	1	3
18	0	0	0	0	0	0	0	0	0	0	****	2	3	3	2	3	3	4	4	5	6	11	15	6	3
19	3	1	0	0	0	1	2	2	2	2	2	4	3	2	2	2	2	3	5	8	12	13	10	6	4
20	4	3	3	1	1	4	4	6	5	4	4	5	4	4	5	5	4	3	4	4	4	4	4	3	4
21	4	4	5	1	2	4	6	5	5	5	6	10	9	8	6	6	6	5	5	5	5	5	5	4	5
22	4	3	3	2	3	4	9	8	6	8	8	8	6	3	2	2	-	1	1	1	1	1	1	1	4
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
24	1	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
25	0	0	0	0	0	2	2	2	0	2	3	****	2	1	1	2	-	2	2	3	5	13	23	18	4
26	11	9	7	3	4	8	8	8	5	4	4	4	4	5	****	6	6	5	4	7	7	5	6	6	6
27	7	8	5	2	2	3	4	2	3	4	4	3	2	3	3	4	4	3	4	3	3	2	1	4	3
28	4	2	2	2	3	6	8	9	14	11	11	7	5	4	7	6	6	6	8	11	8	6	12	6	7
29	2	2	2	1	5	7	7	7	4	5	6	5	7	6	6	8	9	5	4	5	4	6	4	-	5
30	4	3	2	2	2	2	2	3	4	4	4	5	5	4	4	-	3	3	3	3	3	1	1	1	3
MEAN	4	3	3	2	3	5	5	5	4	3	3	3	3	4	4	3	3	3	3	4	4	4	5	5	3.8

PERCENTAGE OF OATA VALID - 96.7 PERCENTAGE OF OATA INVALIO - 2.1 PERCENTAGE OF DATA UNAVAILA8LE - 1.3

NOTES 1. "****" INDICATE5 INVALID OATA OUE TO IN5TRUMENTATION FAILURE

2. "-" INDICATE5 OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PART5/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, O5HAWA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	3	3	2	4	3	2	3	2	2	2	1	4	7	4	3	3	2	2
2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1
3	0	0	0	0	0	1	2	2	2	****	****	0	0	0	0	0	1	0	0	1	1	1	1	1	1
4	1	1	1	1	2	8	6	3	3	2	3	3	1	1	1	1	0	0	0	1	1	1	0	0	2
5	0	0	0	0	0	1	1	1	1	1	1	****	0	0	0	0	0	0	0	0	1	1	1	1	0
6	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0
7	1	0	0	0	0	2	4	4	2	4	3	1	1	1	1	1	1	1	2	3	6	12	13	11	3
8	8	6	7	4	3	2	3	1	4	3	3	1	2	2	1	1	1	1	1	6	8	7	7	4	4
9	3	2	1	0	1	5	10	13	8	7	5	4	4	5	8	7	7	7	7	6	3	4	5	5	5
10	3	1	1	2	3	9	11	6	5	****	6	-	7	7	8	7	8	5	6	7	5	4	3	2	5
11	3	3	4	5	5	6	8	5	4	5	4	4	4	2	3	3	3	4	4	4	4	3	4	7	4
12	6	11	8	5	4	6	10	3	5	2	4	4	4	4	4	4	3	4	4	5	7	14	15	15	6
13	8	3	5	3	5	16	24	14	8	6	5	4	2	2	3	3	3	4	7	13	7	5	11	14	7
14	9	8	7	5	3	3	2	3	4	4	5	4	4	5	5	5	5	4	3	4	4	4	7	8	5
15	4	3	5	3	3	2	2	2	2	2	2	3	2	2	3	2	3	2	2	3	4	3	2	2	3
16	2	3	2	1	1	2	2	3	2	1	4	3	2	3	3	0	0	0	0	1	1	1	0	0	2
17	0	0	0	0	0	0	2	-	2	2	1	3	2	3	3	3	3	3	2	3	2	1	1	0	2
18	0	1	0	0	0	3	2	3	3	4	5	3	3	2	2	2	1	1	2	2	8	6	1	1	2
19	0	1	1	3	2	3	4	2	0	0	****	3	4	3	3	3	3	2	3	5	6	13	7	7	3
20	8	6	4	4	4	6	6	7	9	4	2	2	3	3	2	2	2	2	3	7	10	9	10	10	5
21	****	9	4	2	2	2	3	4	4	4	4	4	3	2	3	3	3	3	4	5	8	6	7	6	4
22	6	6	6	3	2	2	-	3	2	2	2	2	2	2	1	1	1	2	2	2	2	3	9	4	3
23	****	1	1	1	1	5	6	9	6	5	4	5	4	3	3	5	5	4	5	5	7	6	5	3	4
24	3	3	3	3	3	5	7	4	3	3	4	****	3	3	3	4	4	2	2	3	2	2	2	2	3
25	2	2	2	2	2	2	3	3	3	3	2	4	6	4	4	2	2	5	3	3	3	2	2	2	3
26	2	2	2	3	2	3	4	4	4	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	1	1	2	3	-	2	2	1	1	2	3	4	8	16	9	3
28	6	3	3	1	1	1	1	3	4	4	5	5	4	2	2	2	2	2	3	3	4	3	2	1	3
29	0	1	1	1	1	1	0	0	0	0	0	2	2	2	2	1	1	1	2	2	2	5	8	6	2
30	2	1	1	0	1	3	6	8	15	6	4	3	2	2	2	5	5	7	6	5	5	4	3	3	4
31	2	1	1	1	1	3	9	6	3	3	3	3	4	3	2	3	3	3	3	3	6	6	4	2	3
MEAN	3	3	2	2	2	3	5	4	4	3	3	3	3	2	2	2	2	2	3	4	4	4	5	4	3.1

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF OATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILA8LE - 0.5

NOTE5 1. "****" INOICATES INVALIO OATA OUE TO IN5TRUMENTATION FAILURE

2. "-" INOICATES DATA I5 UNAVAILA8LE

3. "******" INOICATES LE55 THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	2	3	3	2	1	4	6	5	5	5	4	4	4	5	7	6	3	2	2	3
2	3	2	1	1	2	6	10	7	5	3	3	3	3	2	1	1	1	1	3	4	7	6	2	2	3
3	2	5	4	6	6	4	6	7	3	3	2	2	2	2	4	4	5	5	6	6	7	12	7	8	5
4	6	4	4	3	5	4	8	8	3	3	4	2	3	2	2	2	2	2	2	2	6	5	3	4	4
5	4	4	4	2	1	1	2	2	1	1	1	1	2	2	1	2	2	1	1	1	1	2	2	0	2
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	7	4	2	1	1
7	0	0	0	0	2	4	6	3	2	5	6	****	****	6	2	3	3	3	4	5	2	0	0	0	3
8	0	1	1	1	2	3	3	4	3	1	0	3	2	3	4	3	1	0	0	1	1	1	1	1	2
9	1	1	0	1	0	4	3	3	3	****	4	3	5	****	6	5	6	7	6	6	5	4	3	2	4
10	1	1	1	0	0	2	2	3	6	5	4	1	1	1	0	0	1	0	1	1	2	1	1	1	2
11	1	0	0	0	0	0	0	0	0	0	1	0	0	2	3	2	2	2	2	3	4	2	1	1	1
12	1	0	0	0	0	0	0	0	0	1	1	3	2	2	2	2	2	2	4	9	9	10	10	5	3
13	2	1	1	2	2	6	6	6	4	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1	2
14	1	1	1	0	0	0	1	1	0	0	****	0	0	9	0	0	0	0	-	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	1	1	0
16	0	0	0	0	0	3	3	2	0	0	0	0	2	****	2	2	3	2	4	8	15	10	8	5	3
17	4	2	1	1	2	9	10	6	7	7	8	7	9	5	5	5	6	5	4	6	6	7	4	6	6
18	6	3	3	2	3	3	3	4	5	6	4	6	7	6	5	5	4	4	4	3	4	3	3	7	4
19	9	7	6	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	7	11	5	2	1	2
20	0	0	0	0	0	2	2	2	2	4	2	2	2	2	2	3	5	5	6	7	8	10	8	6	3
21	5	5	3	2	3	15	19	6	2	0	3	3	2	2	3	3	3	3	2	5	11	15	5	4	5
22	2	0	0	0	0	2	1	2	2	3	4	3	3	4	5	4	5	5	5	2	4	4	4	1	3
23	2	2	2	2	1	4	6	8	6	6	8	-	9	7	10	7	10	9	8	7	7	5	5	3	6
24	2	2	3	4	4	3	4	4	3	3	4	4	3	4	4	2	3	4	3	3	3	3	3	3	3
25	3	2	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	2	4	2	1	1	2	5	1
26	5	3	3	3	3	1	2	1	0	2	3	4	3	3	3	2	2	4	3	5	5	3	3	1	3
27	0	0	0	0	0	1	6	7	2	3	2	2	2	0	2	1	3	3	6	12	9	8	5	4	3
28	1	1	1	0	0	4	4	4	5	5	2	6	6	5	6	7	6	7	6	5	5	3	4	3	4
29	2	1	1	3	2	6	7	8	5	4	3	4	4	3	4	3	4	3	5	6	4	4	4	5	4
30	8	8	8	3	3	3	10	11	4	2	-	3	3	3	3	2	1	1	1	1	1	1	1	1	4
31	1	0	0	1	1	5	4	3	3	6	4	5	5	4	6	5	5	7	10	10	12	6	6	6	5
MEAN	2	2	2	1	1	3	4	4	3	3	3	3	3	3	3	3	3	3	4	4	5	5	3	3	3.0

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	3	1	1	2	3	4	4	5	5	3	4	4	4	4	4	5	5	3	3	5	2	2	4
2	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	2	1	1	1	1	1	1	1	1
3	1	1	2	2	2	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1
4	1	1	0	0	0	3	3	2	2	2	4	5	3	2	5	5	6	5	5	7	8	5	4	3	3
5	3	1	1	1	1	12	5	4	4	4	4	3	3	3	6	6	8	7	5	4	2	2	1	1	4
6	1	1	1	1	1	2	2	2	2	2	2	2	1	1	4	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	2	2	2	2	2	2	2	2	2	3	3	2	1	1	2	1	1	1	1	1
8	0	0	0	0	0	1	2	1	0	1	1	0	0	0	0	0	0	1	1	3	3	3	3	2	1
9	4	3	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2
10	1	1	1	1	2	3	4	3	2	2	3	-	3	3	5	4	4	2	1	1	1	1	5	6	3
11	4	6	5	4	5	12	14	8	2	1	0	1	0	2	2	-	3	3	5	10	8	6	6	3	5
12	2	1	1	1	1	4	5	5	3	3	3	4	3	3	4	4	4	7	6	5	3	3	1	1	3
13	1	1	1	1	2	4	5	7	4	3	4	5	4	-	4	6	7	9	9	6	3	2	3	1	4
14	1	1	2	2	1	1	2	4	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	4	1
16	3	3	2	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2	2	2	2	3	6	7	2
17	8	5	5	4	6	11	28	10	9	5	4	3	2	2	2	2	4	3	4	3	3	3	3	2	5
18	2	2	2	2	2	5	6	4	3	3	3	1	2	2	2	3	3	1	1	-	1	1	0	0	2
19	0	0	0	0	0	1	2	1	1	0	0	0	1	0	1	1	1	-	2	2	2	2	3	5	1
20	7	7	4	3	2	7	9	8	8	3	4	3	-	3	2	2	3	4	5	5	3	5	5	7	5
21	9	10	4	3	3	8	11	14	10	4	4	4	3	1	3	2	1	1	2	4	-	4	3	2	5
22	2	2	7	9	2	0	0	1	1	0	0	0	0	0	0	1	0	1	2	2	2	2	2	1	2
23	2	1	1	0	0	0	0	0	0	2	2	3	3	3	2	2	3	5	10	17	21	12	8	6	4
24	3	1	1	1	2	5	5	5	5	3	4	4	3	3	6	6	7	7	9	6	5	4	6	5	4
25	5	5	4	3	4	9	13	21	17	6	4	4	-	-	5	3	4	3	6	10	19	24	21	20	10
26	9	5	7	6	6	3	5	7	2	1	0	0	4	6	5	3	4	5	11	27	23	15	13	7	7
27	4	3	4	4	5	6	12	9	8	7	6	6	-	4	4	5	13	11	15	10	7	8	6	4	7
28	3	3	2	2	3	9	10	11	15	11	5	5	7	7	10	8	9	10	16	8	6	4	4	4	7
29	4	4	5	5	3	3	5	5	3	2	5	4	3	4	4	6	4	6	9	7	4	3	2	1	4
30	3	1	1	1	1	1	3	1	4	2	2	2	2	3	3	3	4	5	5	5	5	11	3	3	3
MEAN	3	3	2	2	2	4	5	5	4	3	3	2	2	2	3	3	3	4	5	5	5	5	4	3	3.4

PERCENTAGE OF OATA VALIO - 98.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	1	3	5	5	4	2	2	2	5	4	8	6	6	8	8	6	3	5	5	4	2	4
2	1	1	0	0	1	2	2	2	2	2	2	-	4	3	6	4	3	3	2	1	2	2	2	0	2
3	0	1	0	0	1	3	4	5	5	3	6	5	5	7	4	5	6	8	16	6	1	5	5	4	4
4	2	1	0	0	3	7	7	12	13	13	11	-	4	4	8	10	10	11	11	7	8	10	12	10	8
5	6	3	2	3	4	5	6	5	6	5	7	8	8	9	10	12	10	8	9	3	4	2	2	2	6
6	2	2	1	1	2	3	3	4	5	5	4	3	3	4	4	5	5	3	4	3	3	2	2	3	3
7	3	3	2	2	1	1	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	2
8	1	-	1	1	0	1	1	0	0	0	0	0	1	2	2	5	5	9	8	9	7	6	3	3	3
9	2	2	1	2	1	2	2	2	2	2	-	-	2	2	2	2	2	4	4	4	4	8	10	10	3
10	8	5	-	3	4	-	8	6	5	5	5	5	6	4	7	7	8	5	5	5	6	4	4	2	5
11	1	1	1	6	10	11	18	14	9	6	5	6	5	-	-	6	6	4	4	3	5	5	5	3	6
12	2	1	1	3	2	7	8	6	6	6	5	5	4	3	4	4	7	10	10	11	9	3	3	5	5
13	3	3	1	1	1	3	4	5	5	3	3	2	2	1	1	2	2	2	1	1	1	1	2	3	2
14	8	3	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	2	3	9	6	4	2
15	4	5	4	3	3	7	6	-	9	-	8	9	8	6	5	6	7	4	3	3	2	3	1	2	5
16	1	1	1	1	1	2	4	4	2	3	3	-	-	4	5	6	7	7	8	7	6	4	3	3	4
17	1	3	1	1	2	7	12	-	-	9	9	10	9	15	23	27	21	25	33	28	30	32	27	15	15
18	17	16	3	1	1	2	3	5	3	2	5	6	6	5	7	8	-	14	16	19	15	10	9	5	8
19	2	1	1	1	1	4	4	4	4	4	4	6	7	7	11	-	-	13	7	6	5	3	6	2	5
20	2	2	4	2	1	2	2	5	4	3	3	2	2	3	5	8	9	11	7	7	7	7	11	6	5
21	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	3	5	14	11	15	10	10	4
22	11	8	4	5	4	23	31	23	18	7	4	3	2	3	3	5	7	15	8	9	9	7	7	1	9
23	1	1	1	1	2	13	10	12	7	5	2	3	4	3	3	3	3	2	2	3	2	2	2	2	4
24	1	1	1	1	2	2	2	3	3	4	4	3	3	4	2	1	1	0	0	0	0	-	0	0	2
25	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
26	1	1	1	0	0	0	1	1	0	0	-	-	0	-	1	1	1	1	1	1	1	1	14	1	1
27	1	1	0	0	0	1	1	2	3	7	3	6	6	7	4	6	6	6	4	2	3	2	2	2	3
28	2	2	-	0	0	1	1	1	1	4	5	1	2	2	2	2	3	4	5	3	1	1	0	0	2
29	0	0	0	0	0	0	1	2	2	2	1	2	2	2	1	2	5	5	2	4	2	3	4	3	2
30	3	3	1	0	0	0	2	3	7	2	3	3	5	5	5	6	7	10	6	5	3	3	3	3	4
31	2	1	1	0	1	1	4	5	3	2	3	3	4	1	3	5	6	6	4	4	3	5	4	4	3
MEAN	3	2	1	1	2	4	5	5	4	4	4	4	4	4	5	5	6	7	6	6	5	5	5	4	4.2

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	1	2	2	5	7	9	9	8	8	8	7	6	9	8	11	8	12	17	5	1	2	6
2	2	3	2	4	5	3	6	7	14	13	9	3	5	4	3	4	6	7	7	6	4	7	5	2	5
3	1	2	2	2	2	2	3	4	3	3	8	6	4	3	5	3	3	6	2	1	2	2	2	-	3
4	5	4	2	1	1	1	0	0	0	0	0	0	0	0	1	1	2	4	3	2	6	16	19	20	4
5	14	6	5	6	5	7	12	17	18	11	5	5	5	5	8	13	16	13	11	9	9	10	9	7	9
6	7	4	5	3	4	3	8	10	9	7	8	8	10	14	14	13	11	14	8	7	8	7	7	6	8
7	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	2	4	3	2	2
8	1	5	5	2	1	-	-	1	3	3	3	3	3	3	3	6	5	5	3	3	4	6	9	8	4
9	10	15	19	12	10	7	12	17	16	6	3	4	5	-	32	6	5	4	4	-	3	4	5	5	9
10	9	9	6	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	2	2
11	2	2	-	1	0	0	1	1	1	2	4	4	-	3	2	2	1	1	1	1	2	2	4	4	2
12	4	2	1	-	0	0	1	3	1	1	0	1	1	1	4	7	11	10	13	25	16	9	4	2	5
13	1	1	1	1	1	1	1	3	3	2	2	2	2	2	2	4	2	3	4	4	5	4	6	8	3
14	2	2	3	5	2	3	5	2	3	2	1	-	1	1	1	1	1	2	2	5	3	2	2	2	2
15	3	2	4	5	5	5	10	16	16	3	3	3	3	3	5	6	8	10	8	9	6	3	1	0	6
16	0	0	0	0	0	0	2	7	3	0	0	0	-	1	6	7	10	7	6	4	5	5	5	5	3
17	5	5	4	3	3	3	3	3	5	5	6	5	4	3	4	5	6	8	10	9	6	7	15	27	6
18	45	42	27	24	20	13	11	6	6	4	6	6	6	7	7	8	7	7	8	7	7	5	4	4	12
19	2	2	2	2	2	2	5	6	7	7	7	8	9	9	10	12	19	17	11	8	7	6	8	8	7
20	6	7	10	8	6	8	13	18	15	14	17	18	8	7	8	9	5	4	3	3	3	2	2	2	8
21	2	2	2	2	2	4	9	8	9	6	6	6	6	5	4	6	5	-	-	3	4	13	4	4	5
22	4	3	4	5	6	7	11	19	35	26	20	11	7	5	7	8	7	7	7	9	8	6	5	6	10
23	7	6	6	5	9	13	-	15	23	13	13	15	15	13	18	37	47	32	29	30	16	17	-	13	18
24	10	-	9	8	4	2	2	4	2	2	2	2	2	2	4	4	5	6	9	9	15	-	13	25	6
25	41	42	41	28	19	10	8	5	4	4	5	5	5	4	4	4	4	4	2	2	2	2	2	2	10
26	2	2	2	3	3	3	5	7	7	7	6	7	5	5	4	4	4	5	3	3	3	3	3	3	4
27	2	2	2	3	3	2	3	4	4	5	5	-	2	4	4	4	6	5	6	6	6	7	7	7	4
28	5	3	1	1	1	3	6	5	2	1	0	1	1	1	1	1	2	4	5	3	3	3	2	1	2
29	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	-	-	4	3	4	3	6	3	2
30	2	3	3	2	1	1	2	3	3	3	1	1	1	1	1	2	4	4	2	5	6	6	7	8	3
MEAN	7	6	6	5	4	4	5	7	8	5	5	5	4	4	6	6	7	7	6	7	6	6	6	6	5.8

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	7	2	5	5	3	5	9	6	2	6	6	5	4	4	-	3	3	2	2	1	1	1	1	4
2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	2	5	4	4	4	1
3	6	5	6	6	6	6	5	5	7	5	4	4	4	3	3	3	-	3	3	2	2	3	3	3	4
4	3	2	2	2	2	3	3	4	6	6	6	-	1	1	1	1	2	3	3	6	4	6	6	6	3
5	6	4	4	3	3	3	6	7	9	11	7	4	3	4	5	4	6	7	7	4	4	4	6	4	5
6	4	4	4	3	5	5	12	13	11	7	7	7	8	7	7	8	8	5	4	5	9	8	4	5	7
7	5	5	5	6	6	8	23	33	19	5	3	5	4	4	4	5	5	6	7	6	3	3	3	4	7
8	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	-	3	3	1	1	1	1
9	1	2	1	1	1	1	1	1	1	1	2	3	2	2	2	3	3	5	4	6	4	2	1	1	2
10	1	1	2	4	3	3	5	6	7	4	4	3	5	5	4	6	6	6	5	5	5	5	9	26	5
11	19	5	4	2	2	3	5	6	7	7	4	4	4	4	5	5	6	6	6	7	6	4	4	3	5
12	3	3	3	3	3	3	4	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
13	0	0	0	0	0	0	2	3	4	2	2	3	3	2	2	5	11	8	9	7	3	3	3	4	3
14	4	1	1	2	2	2	3	6	6	6	5	2	1	-	2	1	3	3	3	3	3	1	1	1	3
15	1	1	3	6	4	9	10	2	2	5	4	4	3	3	4	4	4	6	7	6	5	5	5	5	5
16	4	5	4	4	4	3	3	3	3	4	5	5	6	8	6	5	2	0	0	0	0	0	0	0	3
17	0	0	0	1	1	1	1	3	3	2	2	4	7	5	2	2	3	4	3	2	1	1	1	1	2
18	1	1	1	1	1	1	2	2	3	2	2	2	2	3	3	4	6	6	4	2	3	2	2	1	2
19	1	1	1	1	0	0	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	1	2
20	1	1	1	1	1	2	2	4	5	3	4	-	5	5	4	5	6	6	5	6	6	15	28	18	6
21	31	22	18	13	14	19	33	33	26	16	14	11	13	13	14	13	14	13	12	10	9	14	15	21	17
22	14	10	12	4	1	3	4	4	8	18	27	23	15	23	24	22	20	20	18	21	15	10	10	9	14
23	8	7	6	4	3	2	3	3	4	14	22	12	9	7	6	8	4	4	6	14	14	13	15	20	9
24	12	18	19	11	6	4	2	3	2	-	-	5	4	3	3	3	3	2	2	2	2	2	3	2	5
25	1	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	0
27	1	1	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	3	3	7	11	7	4	8	2
29	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	3	3	7	4	1	1	2	6	1
30	1	1	3	3	2	3	1	0	1	1	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1
31	1	1	3	6	8	6	21	31	23	9	5	5	7	6	6	6	7	10	11	39	33	28	30	-	13
MEAN	5	4	4	3	3	3	5	6	5	5	5	4	4	4	4	4	5	5	5	6	5	5	5	5	4.4

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	2.6	7	13
FEB	28	2.9	12	30
MAR	31	5.4	15	45
APR	30	3.9	14	36
MAY	31	3.9	11	28
JUN	30	3.8	7	29
JUL	31	3.1	7	24
AUG	31	3.0	6	19
SEP	30	3.4	10	28
OCT	31	4.2	15	33
NOV	30	5.8	18	47
DEC	31	4.4	17	39
YEAR	344	3.9	18	47

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	236	27	6	0	0	0	0	269
FEB	560	62	36	3	0	0	0	661
MAR	509	145	54	13	7	1	0	729
APR	543	125	28	7	3	0	0	706
MAY	544	143	38	4	0	0	0	729
JUN	534	134	24	4	0	0	0	696
JUL	620	94	17	1	0	0	0	732
AUG	611	114	10	0	0	0	0	735
SEP	592	87	24	7	0	0	0	710
OCT	542	132	35	9	3	0	0	721
NOV	446	169	66	10	4	6	0	701
DEC	553	112	46	17	7	0	0	735
YEAR	6290	1344	384	75	24	7	0	8124

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
92.7	0	0.0	0.9	2.3	4.1	7.9	11.0	17.2	22.5	47	3.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	8	3	3	4	4	4	4	4	3	4	3	5	7	6	9	7	5	4	3	3	4	4	2	5
2	2	2	1	1	1	2	3	5	4	3	3	3	4	3	5	5	7	7	4	3	2	2	2	2	3
3	2	2	2	2	3	2	3	4	4	3	3	3	3	-	3	4	5	3	5	4	3	3	3	3	3
4	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	3	5	5	5	3	2	2	2	3
5	2	2	2	2	2	2	3	5	5	3	3	3	3	3	3	4	6	7	10	8	10	8	7	7	5
6	6	6	6	7	6	6	6	8	7	6	5	5	3	4	3	3	4	5	4	4	5	4	4	5	5
7	5	7	6	3	3	3	3	5	4	5	-	-	7	7	9	10	10	8	7	7	6	6	6	5	6
8	5	4	3	3	3	3	5	8	11	9	6	5	4	4	4	5	6	7	6	5	5	5	5	5	5
9	3	3	3	3	3	3	3	5	6	5	4	4	3	5	5	5	6	7	7	6	6	5	6	5	5
10	5	5	4	4	4	3	5	8	8	7	4	6	5	6	5	5	7	7	11	-	9	5	5	7	6
11	5	5	6	6	6	6	11	26	35	15	7	4	5	5	5	5	6	15	24	32	30	15	19	14	13
12	21	21	17	11	11	13	16	26	34	31	16	4	4	-	3	4	4	10	29	42	56	68	61	45	24
13	35	31	27	21	16	11	4	6	6	6	7	6	5	5	5	5	5	5	6	5	5	4	4	7	10
14	6	6	6	6	6	6	4	4	4	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	3
15	2	2	2	2	2	2	2	3	5	5	4	3	4	-	3	5	5	6	5	5	5	3	3	3	4
16	3	3	3	3	3	3	5	10	18	10	8	6	5	5	5	5	8	12	13	-	9	13	17	18	8
17	16	14	11	13	22	24	7	5	4	4	4	4	6	6	9	10	14	19	16	5	5	4	3	3	10
18	3	3	2	2	2	3	3	6	9	6	4	3	5	4	5	5	6	7	9	9	8	8	7	6	5
19	7	5	4	4	4	6	9	14	19	22	21	20	-	24	25	11	5	5	4	16	13	8	5	3	11
20	3	3	3	6	7	7	7	10	12	13	13	12	14	15	15	11	8	13	15	14	13	13	10	8	10
21	8	7	6	5	5	5	5	5	4	4	4	4	4	5	5	5	5	3	4	4	4	4	3	3	5
22	2	2	2	2	2	2	2	4	6	5	4	4	2	3	3	3	5	5	4	5	5	7	7	6	4
23	3	3	2	2	2	3	4	7	7	7	6	4	3	4	6	5	6	6	5	5	5	5	5	5	5
24	5	4	3	3	2	3	5	5	7	4	4	4	5	5	7	6	5	5	-	3	3	3	3	2	4
25	2	2	3	5	5	3	5	8	9	8	8	8	8	6	6	7	6	6	5	5	6	5	5	4	6
26	3	2	2	2	2	2	3	5	7	5	4	4	4	5	5	-	6	6	6	6	6	6	5	5	4
27	5	4	3	3	3	3	3	4	6	7	6	6	9	11	11	10	12	13	13	14	14	13	8	7	8
28	8	6	6	4	3	2	2	2	2	2	4	4	4	5	4	4	4	4	3	3	3	3	3	2	4
29	2	2	2	2	1	2	2	3	4	3	3	3	3	3	3	3	4	4	4	4	4	4	3	3	3
30	3	2	2	2	2	2	3	3	4	3	2	3	3	2	3	3	4	5	7	8	6	5	3	3	3
31	2	2	2	2	2	2	3	8	10	6	7	6	3	3	3	3	4	5	4	4	3	2	2	2	4
MEAN	6	5	5	4	4	5	5	7	9	7	6	5	5	6	6	6	6	7	8	8	8	8	7	6	6.2

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	2	3	5	5	5	5	4	3	3	3	3	4	3	3	3	3	3	2	2	3
2	2	1	1	1	1	1	2	4	5	3	3	3	3	3	3	5	6	7	8	9	11	12	20	40	6
3	20	18	10	6	4	4	5	9	7	7	6	5	5	3	5	5	4	8	9	10	11	13	10	10	8
4	14	8	7	7	6	4	4	5	5	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	4
5	2	2	2	2	1	1	2	5	4	3	3	2	2	2	2	3	3	6	7	4	3	3	3	3	3
6	3	3	3	2	3	3	5	14	29	28	19	13	5	6	5	6	6	6	9	19	21	21	26	27	12
7	21	17	17	13	14	14	25	37	7	5	4	6	7	8	3	3	3	-	3	5	13	13	12	7	11
8	6	5	3	2	2	2	3	5	6	4	3	3	3	3	3	3	5	8	6	5	4	5	3	3	4
9	2	2	2	2	2	2	3	6	6	5	5	-	5	5	5	5	6	10	12	11	9	9	10	9	6
10	5	4	4	4	4	5	7	8	6	8	8	7	6	5	5	5	4	5	5	6	5	3	4	5	5
11	5	5	5	5	4	4	4	5	4	3	3	-	5	8	5	5	5	5	16	21	23	26	13	16	8
12	15	18	14	11	10	12	17	22	29	20	17	14	14	8	12	14	15	14	14	9	5	5	5	5	13
13	3	3	3	3	2	3	5	7	7	6	5	5	4	4	4	5	6	9	8	10	11	6	6	7	6
14	6	5	4	4	5	5	5	13	18	15	14	13	13	13	11	13	5	3	3	3	3	6	11	7	8
15	6	5	4	4	3	4	6	10	13	11	10	7	5	4	3	-	3	3	3	3	3	3	5	4	5
16	4	3	3	3	3	3	4	8	10	6	5	5	5	3	3	4	5	7	5	5	4	4	3	3	5
17	3	3	2	2	2	3	3	5	5	4	4	5	5	-	5	5	5	8	11	12	8	6	5	7	5
18	7	7	7	6	5	6	7	10	7	2	3	2	3	5	3	3	3	2	3	3	3	3	4	3	4
19	2	2	2	5	7	9	9	14	13	12	12	10	8	7	5	4	4	6	17	14	16	9	6	4	8
20	5	4	4	3	3	3	6	6	6	5	6	6	6	5	5	4	5	8	9	9	13	19	19	28	8
21	31	23	18	14	12	12	14	13	13	10	10	11	10	6	5	4	4	4	5	4	3	3	3	2	10
22	2	2	2	2	2	2	3	4	4	4	4	5	5	6	7	5	9	9	-	8	7	4	3	3	4
23	4	3	3	2	2	2	3	4	4	5	5	6	7	7	9	13	16	17	21	17	13	13	8	9	8
24	11	9	3	3	3	3	3	8	8	5	4	4	4	4	4	4	6	6	7	5	5	3	3	3	5
25	3	3	3	3	2	2	3	3	3	3	5	4	5	5	6	5	6	7	7	8	6	4	4	4	4
26	3	3	2	1	1	3	5	8	10	5	3	3	5	-	3	5	9	10	9	8	6	3	3	5	5
27	3	3	2	2	2	2	3	6	6	5	4	5	5	5	4	5	5	6	4	6	5	4	5	8	4
28	15	17	15	9	8	9	16	22	14	10	8	7	9	7	7	8	9	14	-	35	39	31	39	23	16
MEAN	7	6	5	4	4	4	6	10	9	7	6	6	6	5	5	5	6	7	8	9	9	8	8	9	6.8

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.2

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	6	9	11	8	5	4	6	8	6	6	4	5	5	5	7	9	19	25	26	14	17	16	9	10
2	6	4	3	3	3	3	5	9	10	13	10	9	5	5	5	8	9	9	-	8	10	7	9	8	7
3	9	5	4	3	3	3	6	18	8	3	5	5	4	4	4	4	4	5	5	7	9	8	6	6	6
4	5	4	4	3	3	3	2	3	3	3	3	3	5	5	7	13	11	8	14	13	15	17	22	20	8
5	9	5	5	6	3	2	3	6	5	3	3	3	3	3	3	5	4	6	-	6	7	9	6	12	5
6	4	5	6	6	6	4	5	9	7	6	5	4	4	3	3	3	4	4	5	4	4	3	3	5	5
7	4	6	4	6	7	8	17	29	34	20	4	3	3	6	4	3	3	4	-	9	9	7	8	15	9
8	25	21	9	5	5	5	9	14	19	17	9	7	6	6	5	6	8	9	9	8	7	7	7	5	10
9	4	4	4	3	3	4	8	17	23	14	12	8	-	4	5	6	7	7	8	8	6	5	6	8	8
10	7	6	7	3	3	3	3	3	3	5	5	5	3	3	3	4	4	4	3	3	3	2	2	2	4
11	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	3	3	3	2	3	3	3	2	2	2
12	2	2	2	1	1	2	2	3	3	2	2	2	2	2	2	3	3	3	3	6	8	5	14	28	4
13	18	13	7	4	4	4	5	5	6	5	5	6	6	5	5	5	5	5	3	3	3	3	3	3	5
14	3	2	2	2	2	2	2	3	3	3	3	3	2	-	2	3	3	3	3	3	3	2	2	2	3
15	2	2	2	2	2	2	4	5	5	2	2	2	2	2	2	2	3	3	3	3	4	5	3	3	3
16	4	3	2	2	2	2	3	5	4	3	3	3	3	3	3	4	4	5	9	10	14	10	12	22	6
17	29	22	18	16	13	15	19	20	9	4	-	-	6	6	6	6	5	5	6	8	6	9	12	20	12
18	21	19	15	10	7	5	8	9	8	9	5	5	5	4	3	2	3	3	10	22	22	13	3	3	9
19	3	2	3	3	4	8	17	22	9	9	5	13	18	13	15	5	3	4	6	23	23	19	18	18	11
20	22	17	8	7	6	6	13	17	15	11	8	5	6	8	8	8	8	9	14	36	14	7	8	5	11
21	3	3	3	4	3	4	10	21	24	21	10	4	4	3	3	3	4	5	8	29	28	29	37	34	12
22	20	11	10	7	5	4	6	11	12	13	17	12	8	8	6	6	5	6	13	-	27	12	9	20	11
23	21	30	29	21	13	14	19	29	8	6	5	5	5	6	7	7	6	7	10	13	29	20	5	5	13
24	8	12	4	3	2	2	2	4	5	5	4	10	9	20	24	14	7	17	22	20	11	5	6	4	9
25	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	3	3	3
26	3	2	2	2	2	2	2	3	5	3	3	-	3	3	3	2	3	3	3	4	3	2	2	2	3
27	3	2	2	2	2	2	3	5	4	3	3	3	3	3	3	3	4	4	-	6	5	5	6	6	4
28	8	9	8	7	6	10	9	14	5	2	2	3	3	3	14	4	3	4	4	5	4	4	6	5	6
29	6	6	6	5	6	9	9	17	9	6	5	6	8	6	7	9	14	13	10	11	13	19	14	9	9
30	6	5	2	2	2	2	5	8	9	7	7	7	-	9	10	11	19	26	20	33	55	52	20	15	14
31	4	3	4	6	9	5	7	9	9	4	4	4	4	4	4	5	4	5	4	4	3	3	3	3	5
MEAN	9	8	6	5	4	5	7	11	9	7	5	5	5	5	6	5	6	7	8	11	12	10	9	10	7.3

PERCENTAGE OF OATA VALIO - 98.4 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.6

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	2	2	2	2	3	2	2	3	2	3	3	3	2	2	3	3	3	3	3	2	2	3
2	2	2	2	2	2	2	3	6	7	6	8	-	17	9	8	10	6	4	5	5	4	3	2	2	5
3	2	2	2	2	2	1	3	5	5	4	5	3	3	3	3	4	5	6	7	8	8	9	7	7	4
4	8	7	5	4	4	6	14	29	6	4	6	3	3	3	3	2	2	-	2	2	2	2	2	3	5
5	4	2	2	2	2	2	3	4	4	3	5	5	3	4	4	3	4	3	4	5	3	3	2	2	3
6	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2
7	2	2	2	2	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	4	3	3	3	4	3
8	3	3	4	3	4	3	3	3	5	3	2	1	2	3	3	4	7	6	4	8	9	6	6	5	4
9	4	3	3	3	3	3	3	7	7	6	4	4	4	4	4	6	6	8	9	12	15	12	9	5	6
10	4	2	2	2	2	2	3	6	5	3	4	4	3	3	3	3	5	6	7	8	8	8	7	7	4
11	8	10	5	5	5	5	10	22	5	3	13	6	12	5	3	3	4	4	4	4	3	3	3	4	6
12	4	3	3	2	2	2	3	3	3	3	3	3	3	4	-	-	3	3	3	3	3	3	3	3	3
13	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	5	4	3	3	3	3	3
14	3	3	2	2	2	2	3	3	2	3	3	3	3	3	3	5	3	7	10	5	9	13	3	3	4
15	4	3	3	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3	2	3
16	2	2	2	2	2	2	2	5	6	3	3	3	3	3	3	3	3	4	5	5	4	4	4	3	3
17	3	2	2	2	2	2	4	5	8	4	3	3	3	3	3	4	4	6	5	6	6	3	4	5	4
18	4	3	2	1	1	1	4	6	4	3	3	3	3	3	3	5	4	4	5	-	6	5	4	4	4
19	3	3	2	2	2	4	7	11	7	4	3	2	3	3	3	4	4	5	5	8	10	7	5	5	5
20	4	3	3	4	4	3	7	13	15	14	10	10	8	8	5	5	5	6	8	14	25	30	33	18	11
21	12	13	15	12	20	28	22	12	6	6	8	6	5	5	4	4	4	6	8	9	11	12	12	4	10
22	7	8	6	7	5	3	2	2	2	2	3	3	3	3	3	3	3	4	6	10	21	9	4	5	5
23	5	4	3	3	3	5	10	16	12	12	8	5	3	3	3	5	5	6	8	14	30	32	29	26	10
24	19	11	7	9	16	15	13	14	17	16	11	6	5	4	3	3	4	5	6	9	8	7	7	7	9
25	8	12	12	5	3	2	4	12	16	7	5	7	5	5	-	7	7	9	6	7	6	12	12	12	8
26	18	7	4	5	6	8	15	15	8	6	6	4	3	3	4	6	6	8	6	6	4	4	4	5	7
27	7	7	3	1	1	1	3	5	6	4	5	3	5	5	5	7	7	9	8	8	6	5	3	4	5
28	3	3	3	3	3	3	3	5	5	5	3	3	4	4	4	4	4	6	6	8	17	20	20	15	6
29	9	2	2	2	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	5	3	2	******
MEAN	5	4	4	3	4	4	5	8	6	5	5	4	4	4	4	4	4	5	5	7	8	8	7	6	5.2

PERCENTAGE OF OATA VALIO - 94.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 5.6

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	3	3	2	2	3	3	3	3	3	5	3	4	4	6	5	5	6	4	3
2	4	5	5	3	5	12	13	15	12	3	3	3	3	2	2	4	2	2	3	4	3	3	3	5	5
3	5	1	1	2	2	3	5	5	6	6	7	10	6	6	9	11	-	16	9	3	3	3	2	2	5
4	2	2	1	1	1	3	6	3	3	4	3	3	4	6	4	5	5	3	3	5	3	3	3	3	3
5	3	1	1	1	1	2	2	2	3	3	3	2	2	2	2	2	2	5	5	3	3	3	4	4	3
6	6	4	3	2	1	1	2	2	1	2	2	3	2	2	3	4	4	3	3	2	2	3	3	2	3
7	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	6	3	2	3
8	2	2	3	4	3	7	17	16	15	9	7	6	5	5	6	9	10	10	12	13	12	13	14	28	10
9	24	16	12	19	19	16	32	23	12	7	5	4	2	2	3	4	3	3	4	6	8	7	4	4	10
10	5	4	4	3	5	9	16	14	5	6	6	5	5	4	4	7	7	7	10	7	6	6	8	13	7
11	11	4	5	2	4	9	12	10	6	9	7	5	6	4	4	6	5	5	5	6	7	8	11	12	7
12	7	7	6	6	5	9	8	14	14	7	5	5	5	4	4	5	5	6	4	4	4	3	3	4	6
13	4	4	3	3	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	5	7	11	7	2	4
14	2	2	2	5	6	13	12	7	5	8	5	4	5	4	5	5	-	6	6	6	7	8	10	10	6
15	5	8	3	3	4	6	9	11	7	7	4	5	6	4	5	5	7	9	11	7	5	6	4	4	6
16	4	3	2	2	2	4	5	4	4	4	3	3	3	3	5	5	5	4	4	6	8	12	5	9	5
17	9	7	5	3	3	6	17	18	14	4	4	2	2	1	2	2	2	4	5	5	7	12	10	11	6
18	8	9	7	7	9	13	22	16	4	5	4	5	5	5	4	5	6	-	4	6	8	14	18	14	9
19	11	3	2	3	3	5	9	2	3	2	3	2	2	3	3	4	3	4	4	5	6	6	8	4	4
20	5	6	12	12	8	6	4	2	2	2	2	2	2	2	2	4	3	3	3	5	9	14	11	9	5
21	8	10	4	4	4	4	3	1	2	2	3	2	3	2	2	2	3	3	3	3	2	3	3	3	3
22	3	1	1	1	1	4	10	10	10	4	2	1	1	1	1	2	1	-	3	7	8	8	4	2	4
23	2	2	4	4	5	10	15	15	13	4	3	3	3	3	2	3	3	3	6	8	5	5	6	7	6
24	4	2	1	1	2	4	10	11	7	4	4	4	3	3	2	4	4	5	9	6	9	11	13	8	5
25	1	1	1	1	1	4	7	8	6	4	4	5	7	7	6	7	7	5	6	6	5	5	6	4	5
26	2	1	1	1	1	1	2	3	-	5	3	5	4	4	4	3	2	3	3	4	7	5	4	2	3
27	4	2	1	1	1	2	2	1	2	4	3	2	3	3	3	3	4	3	5	10	12	11	10	7	4
28	7	6	5	3	2	6	8	6	4	7	9	4	9	5	4	3	6	9	12	16	12	7	6	5	7
29	5	4	4	5	4	7	11	15	13	6	4	2	4	3	2	3	5	5	5	4	8	6	7	10	6
30	12	11	11	7	4	7	9	10	9	4	3	4	4	2	3	3	4	4	3	5	9	15	17	25	8
31	15	14	12	10	9	11	17	20	15	10	6	3	7	10	2	3	2	3	4	4	10	18	16	14	10
MEAN	6	5	4	4	4	6	9	9	7	5	4	4	4	4	3	4	4	5	5	6	7	8	7	8	5.5

PERCENTAGE OF OATA VALIO - 99.3 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 0.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	19	14	10	8	14	12	3	3	3	3	2	2	2	2	3	3	3	4	5	8	10	10	11	7
2	13	13	10	5	2	3	4	3	3	3	4	4	2	2	2	3	4	4	5	8	10	6	6	5	5
3	2	2	2	1	2	2	2	2	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	******
4	- DATA UNAVAILABLE -																								
5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	4	4	3	5	4	3	2	2	******
6	3	3	3	3	2	2	3	5	3	1	2	2	2	2	2	2	2	3	4	2	2	2	4	4	3
7	3	2	2	2	2	5	8	11	7	4	4	3	2	2	2	4	5	5	4	4	6	7	11	11	5
8	6	3	3	2	4	4	5	8	9	7	5	3	2	1	-	-	3	4	3	4	5	5	5	4	4
9	6	9	8	8	9	16	16	15	14	8	6	6	7	6	6	5	5	6	6	6	8	9	10	12	9
10	10	9	6	4	3	4	6	6	5	5	5	5	5	4	3	1	1	2	2	2	2	2	1	1	4
11	1	1	1	1	1	2	4	4	2	3	3	-	7	7	7	8	7	7	7	8	9	9	7	5	5
12	3	3	3	2	2	4	6	7	5	4	4	4	4	4	4	5	6	6	5	6	7	8	6	4	5
13	4	3	2	2	2	4	7	7	4	3	4	3	3	3	3	-	4	5	5	6	10	11	23	25	6
14	19	7	7	4	6	7	20	11	8	5	5	4	3	3	4	4	4	4	5	5	5	9	14	10	7
15	4	3	3	2	2	3	5	3	5	4	4	4	4	4	3	4	4	4	5	6	7	8	7	7	4
16	6	6	5	4	4	5	5	5	5	7	-	5	5	4	4	5	5	5	5	5	5	6	7	7	5
17	5	6	5	5	7	7	10	5	4	4	4	5	3	3	3	3	3	4	5	8	5	4	4	3	5
18	2	1	1	1	2	2	4	4	4	4	4	3	5	7	6	10	7	5	6	8	19	10	7	4	5
19	4	4	4	3	4	8	14	20	8	3	3	2	2	3	2	2	2	2	3	5	10	10	6	7	5
20	7	4	4	7	10	10	7	5	5	3	3	3	4	4	4	4	4	3	4	3	4	8	12	17	6
21	16	7	3	3	5	11	14	11	10	9	8	5	5	5	6	5	6	7	12	15	6	6	6	7	8
22	6	7	9	6	6	6	8	10	12	8	7	5	6	6	6	6	6	5	4	5	4	3	3	3	6
23	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3
24	4	3	2	2	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	4	4	3	2	2	2
25	1	1	1	1	2	4	7	8	9	5	2	1	1	1	1	1	1	1	2	5	9	17	14	14	5
26	15	12	8	7	4	12	18	18	6	5	4	-	3	3	2	2	3	4	3	2	2	6	12	13	7
27	8	2	1	1	1	2	4	3	3	3	2	2	2	3	4	5	8	5	4	5	4	4	5	5	4
28	3	3	2	1	2	5	7	8	6	10	7	-	2	2	2	2	2	2	3	6	7	3	4	5	4
29	6	5	3	1	2	3	5	2	2	3	3	4	2	7	5	5	6	6	3	4	9	7	6	4	4
30	2	2	4	3	2	2	2	3	3	2	2	2	2	2	5	5	4	4	4	4	3	3	3	3	3
MEAN	6	5	4	3	4	5	7	7	5	4	4	3	3	3	4	4	4	4	4	5	6	7	7	7	5.0

PERCENTAGE OF DATA VALID - 92.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 7.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	4	4	5	3
2	5	5	4	3	3	2	2	2	2	2	2	2	1	1	2	2	2	1	1	3	3	2	1	1	2
3	1	0	0	0	0	2	5	5	3	3	2	2	3	3	3	3	3	-	3	3	-	-	-	-	2
4	-	-	-	-	-	4	9	12	6	3	3	2	3	2	1	3	3	3	3	3	3	3	2	2	4
5	1	1	1	1	1	1	5	4	3	2	2	2	2	2	2	3	2	2	3	4	5	4	3	1	2
6	1	1	1	1	1	3	5	6	6	4	3	2	3	2	2	2	2	3	3	3	5	5	4	5	3
7	5	5	5	4	3	3	4	5	7	5	4	3	2	2	2	2	2	2	3	4	6	2	3	4	4
8	4	6	2	3	3	1	2	1	2	3	3	3	2	3	3	1	2	2	2	4	6	11	12	16	4
9	13	12	9	8	9	10	10	5	4	5	4	9	6	4	4	4	5	5	6	7	7	9	10	8	7
10	6	7	8	3	4	7	7	10	6	7	5	5	5	5	5	6	7	7	5	5	5	5	5	4	6
11	4	4	4	4	4	7	10	10	10	7	6	6	6	6	7	6	7	6	-	11	12	12	11	10	7
12	8	7	8	7	6	7	10	12	8	8	7	7	7	6	6	5	5	6	7	9	11	13	15	12	8
13	11	12	8	7	6	8	15	20	13	7	6	7	5	5	6	5	6	5	5	6	10	16	18	21	10
14	15	15	12	8	8	8	9	11	6	6	6	6	6	7	6	6	6	5	5	7	9	8	8	8	8
15	8	6	6	7	8	6	6	5	5	4	4	-	4	4	4	5	4	5	5	6	6	8	8	5	6
16	4	4	3	3	3	5	9	11	8	4	4	4	7	8	7	6	6	4	4	4	4	4	3	3	5
17	3	3	3	3	4	5	8	11	8	8	5	6	4	3	3	4	4	5	7	5	4	4	3	3	5
18	3	2	2	2	2	4	8	8	8	5	6	4	5	2	2	3	3	3	4	5	9	8	5	4	4
19	5	4	5	3	4	7	10	14	5	3	4	4	3	3	3	3	3	3	3	6	11	15	6	7	6
20	4	4	3	3	3	4	6	11	5	6	4	5	3	3	3	2	2	3	4	6	8	4	5	5	4
21	4	6	7	6	5	5	7	10	5	6	4	3	4	4	3	3	3	3	3	4	5	4	5	6	5
22	5	5	3	3	5	7	3	4	3	2	2	3	3	3	3	3	3	3	4	5	9	9	6	6	4
23	6	3	3	3	4	8	13	13	11	11	8	5	4	3	3	3	3	4	-	5	3	3	4	3	5
24	3	2	2	2	2	5	7	4	4	3	3	4	4	3	3	3	3	3	3	3	4	3	3	3	3
25	3	3	3	3	3	5	5	5	5	4	4	4	4	4	3	3	3	3	4	-	5	4	2	3	4
26	2	2	1	1	2	3	4	3	3	3	2	3	4	4	4	4	4	3	3	4	3	3	3	3	3
27	2	2	2	2	3	5	10	9	8	6	7	5	3	4	5	5	4	4	5	6	12	12	10	11	6
28	11	9	5	4	3	4	11	7	6	5	4	4	3	3	3	3	3	3	3	4	3	3	4	3	5
29	4	3	2	2	2	3	4	3	4	5	2	3	3	2	2	2	2	3	4	6	7	12	5	5	4
30	3	3	3	3	3	6	10	9	4	5	4	4	-	1	2	2	2	2	3	2	2	3	5	2	4
31	2	2	2	1	2	6	8	9	5	5	3	3	3	3	3	4	4	4	4	4	3	3	2	2	4
MEAN	5	5	4	3	4	5	7	8	6	5	4	4	4	3	3	4	4	4	4	5	6	7	6	6	4.7

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	5	8	9	3	3	3	3	4	4	3	4	4	4	4	4	3	3	3	3
2	2	2	2	2	3	3	4	3	4	3	3	3	3	2	2	3	3	3	3	5	5	5	5	3	3
3	3	3	2	2	3	2	6	8	8	-	4	5	5	4	-	-	4	5	4	4	4	4	4	3	4
4	4	3	2	3	2	3	4	5	5	5	4	5	4	3	3	3	4	3	4	5	6	6	7	4	4
5	4	4	3	2	2	3	3	2	2	2	2	2	2	2	3	3	3	3	3	4	4	3	4	4	3
6	3	2	2	2	2	3	3	3	3	3	3	2	2	3	3	2	3	3	3	5	15	16	10	7	4
7	6	5	5	5	5	9	17	14	8	5	4	3	5	3	3	2	3	3	3	2	2	2	2	1	5
8	2	2	1	1	2	3	6	5	5	5	4	4	5	4	3	4	3	3	3	4	7	5	4	3	4
9	3	3	2	3	3	9	21	4	6	8	6	3	4	3	4	3	4	4	4	5	4	4	5	5	5
10	4	3	1	2	3	3	4	8	11	8	3	3	3	3	3	4	4	3	5	4	4	5	4	4	4
11	3	3	2	2	2	3	4	3	4	3	3	3	4	3	3	2	3	3	4	3	2	2	2	3	3
12	3	3	2	2	2	3	4	4	3	1	1	2	1	1	1	1	1	1	2	6	8	27	15	9	4
13	7	8	2	2	2	6	11	17	11	5	5	4	4	4	3	2	3	2	2	2	2	2	1	2	5
14	2	2	2	2	3	4	8	8	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	1	3
15	1	1	1	1	1	3	3	2	3	1	2	3	3	3	3	3	4	3	4	4	5	7	7	4	3
16	3	2	1	1	2	4	10	15	9	5	7	4	2	2	2	2	2	4	5	13	18	14	8	4	6
17	4	4	4	2	3	6	12	17	12	10	7	3	3	3	6	5	5	6	9	6	7	5	3	2	6
18	6	5	3	2	2	2	3	4	9	7	7	7	8	8	8	10	11	12	10	10	16	19	21	26	9
19	26	28	27	6	5	4	5	4	4	4	4	4	4	4	3	4	5	5	7	13	18	11	8	5	9
20	6	4	3	3	4	8	13	10	10	11	8	6	4	4	4	4	5	8	7	9	13	14	18	20	8
21	16	10	6	4	5	9	16	18	13	12	12	7	3	3	2	2	2	3	6	14	28	17	5	4	9
22	3	3	3	3	3	9	17	19	7	6	-	4	4	4	4	3	3	4	4	4	4	4	3	4	5
23	4	4	4	4	5	6	8	9	7	7	7	6	7	8	7	6	7	7	7	7	7	7	7	7	6
24	8	7	6	6	6	5	6	6	5	4	4	4	4	4	4	4	5	4	5	7	8	6	6	6	5
25	6	5	5	4	4	4	5	4	5	4	5	5	4	4	4	4	5	5	6	6	7	7	7	7	5
26	8	6	6	5	4	4	5	5	5	3	3	-	1	1	3	3	3	3	3	4	6	8	6	5	4
27	4	4	4	4	4	6	6	9	6	5	5	5	4	2	2	2	2	2	5	5	5	7	8	12	5
28	8	5	6	7	10	16	15	6	5	5	6	5	3	3	3	4	4	4	5	5	5	5	5	4	6
29	3	5	4	3	4	5	6	5	6	7	4	4	3	3	3	4	4	4	4	4	4	3	2	5	4
30	6	6	8	10	7	15	30	13	4	4	3	3	3	3	3	3	3	4	5	6	6	5	4	3	7
31	3	3	3	3	3	7	16	18	14	8	3	3	2	2	2	2	2	2	3	4	4	6	14	15	6
MEAN	5	5	4	3	3	5	9	8	7	5	5	4	4	3	3	3	4	4	5	6	7	7	6	6	5.1

PERCENTAGE OF OATA VALIO - 99.3 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 0.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	8	9	7	5	7	12	9	7	6	6	6	4	3	3	3	3	3	4	4	5	7	11	6	6
2	4	2	3	3	3	3	3	3	4	3	3	3	3	3	2	2	2	1	2	3	3	3	3	2	3
3	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	2	3
4	3	3	3	2	3	5	11	13	14	10	6	4	3	2	2	3	-	2	4	8	9	10	17	17	7
5	11	13	14	11	9	11	20	25	15	16	13	12	21	6	3	3	3	3	4	7	10	12	13	9	11
6	9	7	4	4	4	8	11	11	8	5	5	4	4	4	4	5	5	4	4	4	4	3	3	3	5
7	2	3	2	2	2	5	7	8	6	5	5	5	-	6	6	6	7	4	4	4	3	3	3	2	4
8	2	2	1	1	1	1	4	3	4	3	3	3	3	3	2	1	2	3	4	8	7	5	5	5	3
9	4	5	5	4	3	3	4	4	4	4	3	3	-	2	2	2	2	3	3	5	7	10	5	3	4
10	3	2	1	2	3	5	5	7	4	3	3	3	4	4	4	6	7	6	4	4	4	4	6	5	4
11	3	3	3	3	4	7	17	17	8	6	6	6	7	5	3	3	3	3	7	13	19	27	35	25	10
12	21	14	2	1	4	15	29	31	6	3	-	8	18	24	8	6	6	7	7	7	7	7	6	6	11
13	6	7	10	13	13	17	26	17	9	8	8	9	9	8	9	9	9	10	12	11	8	8	7	7	10
14	5	5	6	6	6	7	8	9	8	6	7	6	6	6	6	6	7	8	6	7	7	6	6	5	6
15	4	4	4	4	4	4	6	5	4	4	4	5	5	5	5	5	5	5	4	4	4	5	6	11	5
16	7	5	4	2	2	3	5	3	3	3	3	3	3	3	3	3	3	3	5	6	5	2	2	2	3
17	1	1	1	2	2	4	9	8	4	4	3	3	2	2	3	-	2	3	5	5	4	3	3	2	3
18	1	1	1	2	2	3	5	6	4	4	3	3	3	3	3	4	4	4	4	4	3	2	2	2	3
19	2	2	2	1	1	3	6	6	3	3	-	3	3	3	4	4	5	5	10	10	8	7	8	6	5
20	5	5	5	6	6	12	22	22	15	11	7	3	2	2	2	3	4	3	4	4	4	4	3	7	7
21	6	6	6	3	2	5	14	21	8	6	4	4	4	4	4	5	5	6	9	9	6	6	5	3	6
22	3	3	3	2	3	3	4	5	6	5	5	5	4	4	4	4	3	4	5	4	4	3	2	3	4
23	3	3	2	2	2	2	3	3	5	4	2	2	1	1	1	2	1	5	12	25	32	29	23	15	8
24	14	11	9	9	9	13	25	33	24	4	3	2	3	2	2	-	-	4	8	13	22	20	21	13	12
25	10	11	12	9	7	5	6	9	4	7	8	4	4	5	3	3	4	7	7	7	6	7	8	5	7
26	3	3	2	2	2	4	7	8	5	4	2	2	3	3	2	4	4	9	21	28	23	29	19	17	9
27	14	6	3	3	4	11	30	35	24	17	12	11	8	6	5	5	7	9	14	18	40	22	14	13	14
28	15	14	11	10	11	13	29	24	20	7	6	6	7	8	9	8	6	6	13	18	15	11	11	10	12
29	12	11	10	10	16	15	15	12	10	7	4	3	3	3	3	3	4	5	6	7	10	7	9	9	8
30	6	8	10	7	5	4	4	5	7	6	6	5	6	7	5	4	5	8	13	10	5	4	4	3	6
MEAN	6	6	5	5	5	7	12	12	8	6	5	5	5	5	4	4	4	5	7	9	10	9	9	7	6.6

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	2	2	5	12	19	15	10	9	11	8	8	7	-	-	4	6	8	11	16	20	13	9
2	9	9	6	4	4	6	10	22	23	18	13	5	3	3	5	7	9	6	4	3	4	3	3	2	8
3	3	2	2	2	3	5	5	7	6	6	6	7	8	6	6	8	6	6	5	6	5	6	6	3	5
4	3	2	2	2	2	6	20	14	8	4	6	15	15	13	7	7	8	9	9	8	7	7	6	5	8
5	4	3	2	2	2	5	7	8	6	5	-	5	5	4	3	7	13	9	11	7	6	4	4	3	5
6	2	2	2	2	2	3	3	4	4	3	3	4	3	3	3	3	3	3	3	4	3	4	4	4	3
7	3	3	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2
8	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	6	7	7	5	6	4	3	3
9	5	4	4	4	5	3	4	6	5	5	3	3	3	3	5	5	-	8	13	8	5	4	5	6	5
10	5	4	5	6	6	8	14	24	21	15	9	5	3	4	4	5	10	14	17	15	15	13	13	11	10
11	7	4	6	3	3	6	20	21	19	14	12	6	2	3	4	5	6	-	3	7	4	3	3	3	7
12	1	1	1	1	1	4	6	8	4	4	3	3	2	2	3	5	4	6	16	9	5	3	3	2	4
13	2	1	1	1	1	1	3	3	3	3	2	3	3	3	5	6	5	5	4	5	4	4	5	3	3
14	5	5	3	3	2	2	3	3	3	2	3	2	3	3	3	3	3	3	4	5	6	6	5	2	3
15	2	2	2	3	2	5	10	9	6	6	5	5	4	-	-	4	5	5	9	11	11	11	10	8	6
16	10	6	6	3	2	6	11	10	6	4	3	3	3	3	3	2	2	5	6	6	7	7	7	11	6
17	23	19	14	11	13	15	21	24	27	20	23	23	21	23	32	46	46	43	45	48	54	54	67	74	33
18	41	16	3	3	3	6	11	20	20	4	3	3	3	3	3	3	4	5	8	15	15	15	6	6	9
19	5	5	4	4	3	3	5	6	5	5	4	5	4	-	6	9	9	10	19	15	7	4	4	3	6
20	3	3	3	3	2	3	5	6	5	3	4	4	4	4	4	4	4	5	4	4	7	8	6	5	4
21	6	6	6	6	4	3	3	2	2	2	2	3	3	3	3	3	3	4	4	3	14	15	22	7	5
22	4	4	4	6	6	11	24	34	31	12	6	5	3	3	3	4	5	9	22	19	20	18	16	8	12
23	6	5	3	3	4	3	4	15	9	4	3	3	2	2	4	4	4	4	4	3	3	3	3	3	4
24	1	1	1	1	1	2	3	4	3	3	3	2	2	2	4	4	4	-	3	3	3	3	2	1	2
25	1	1	1	1	1	3	6	8	5	3	3	3	3	3	4	4	5	6	8	5	4	4	4	2	4
26	2	2	1	1	2	5	8	6	5	4	3	3	3	4	5	6	7	7	5	4	5	5	4	4	4
27	4	4	2	4	5	6	6	8	5	3	2	2	2	3	3	4	4	3	4	4	2	2	2	2	4
28	3	3	2	2	2	2	4	3	3	-	-	3	4	4	4	4	6	5	3	4	3	3	3	3	3
29	1	1	1	1	1	1	4	8	10	6	7	7	6	6	6	9	10	12	13	11	12	11	13	6	7
30	4	3	2	1	1	2	3	4	4	5	5	3	2	2	2	2	4	4	5	4	4	3	3	3	3
31	3	2	3	4	3	3	6	8	6	3	3	3	3	4	3	5	10	6	6	8	6	7	13	18	6
MEAN	6	4	3	3	3	4	8	10	9	6	5	5	4	4	5	6	7	7	9	8	8	8	9	7	6.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	15	8	6	4	2	5	8	14	14	8	6	7	7	-	18	10	13	19	25	4	6	4	3	3	9
2	3	3	2	2	1	1	4	8	7	4	3	3	-	-	-	-	-	-	-	10	11	9	10	12	5
3	11	13	16	13	10	7	7	22	10	7	3	3	3	4	4	4	5	6	5	7	8	6	5	5	8
4	4	3	3	3	3	3	3	8	6	3	2	3	4	4	4	5	8	16	15	36	47	34	19	23	11
5	24	21	14	14	15	17	31	38	49	32	7	4	-	4	5	6	10	9	10	9	12	20	35	30	18
6	26	28	24	17	16	13	20	29	35	46	35	12	10	14	13	11	13	13	18	31	37	46	46	22	24
7	12	4	3	2	2	2	3	6	5	4	3	3	4	4	4	5	5	6	6	4	3	3	5	5	4
8	8	7	5	4	3	2	2	3	3	4	4	3	4	4	5	5	5	6	7	10	11	9	9	10	6
9	16	11	13	10	9	15	24	42	60	65	11	8	6	6	8	5	5	3	3	4	5	3	4	5	14
10	8	5	4	3	3	3	3	6	6	6	6	6	4	4	4	5	5	8	8	7	5	5	5	5	5
11	11	8	6	7	6	6	8	12	9	12	14	10	3	1	1	1	1	1	2	3	2	1	3	3	5
12	4	2	2	1	2	2	3	4	4	4	4	5	5	5	4	4	3	3	3	4	6	14	26	18	6
13	19	23	22	18	15	12	11	11	12	8	8	6	5	4	3	2	3	4	10	14	9	6	4	6	10
14	4	4	2	1	1	2	2	4	4	4	2	2	-	4	3	2	3	3	2	3	3	3	5	5	3
15	7	8	7	6	4	4	4	6	7	7	8	4	3	3	2	3	4	5	5	5	4	3	2	1	5
16	1	1	1	1	1	2	2	2	4	2	1	1	1	1	1	1	2	2	2	1	4	4	4	3	2
17	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4	4	8	17	40	59	66	35	22	16	13
18	13	9	7	7	9	9	10	16	16	17	19	12	-	14	13	9	7	5	5	6	7	8	9	3	10
19	2	2	2	1	3	3	3	7	7	6	6	6	7	8	7	5	6	8	10	10	10	8	8	7	6
20	5	5	5	5	6	9	21	24	10	7	5	5	4	4	3	5	7	8	6	7	7	7	6	4	7
21	8	3	2	2	2	4	5	5	5	5	5	4	4	4	4	4	4	3	3	3	4	3	5	5	4
22	5	4	3	3	4	7	22	50	31	22	19	4	5	9	7	11	11	10	8	8	6	4	4	4	11
23	3	4	6	8	4	7	14	10	12	13	11	11	12	-	6	8	9	22	20	12	11	15	18	17	11
24	23	20	11	3	2	2	3	3	3	3	3	4	4	3	3	4	6	11	7	11	10	11	16	22	8
25	20	31	33	28	17	13	15	18	24	25	22	4	4	4	3	3	3	3	3	3	3	3	2	2	12
26	2	3	3	3	3	3	8	9	7	5	7	5	3	3	3	2	2	2	2	2	2	2	1	1	3
27	1	1	1	1	1	1	2	4	5	3	3	3	3	3	3	3	5	9	7	11	12	11	8	9	5
28	12	9	9	8	5	4	5	5	5	3	3	3	3	3	3	5	6	5	5	5	5	5	3	3	5
29	4	3	3	2	2	2	3	7	9	8	7	6	4	4	3	3	5	5	6	5	5	4	5	5	5
30	3	3	3	2	1	1	3	4	5	3	3	3	3	5	4	4	6	7	7	7	7	6	6	6	4
MEAN	9	8	7	6	5	5	8	13	13	11	8	5	5	5	5	5	6	8	9	10	11	10	10	9	7.9

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	4	3	3	4	5	10	12	12	15	16	14	13	13	7	6	6	5	4	4	7
2	4	3	3	3	3	2	2	3	3	3	3	-	5	5	4	5	9	9	6	5	12	10	9	16	6
3	8	7	5	3	5	5	6	10	12	7	5	3	3	3	3	4	5	8	9	6	6	4	3	4	6
4	4	3	3	3	3	3	5	8	8	6	5	5	4	3	3	6	8	7	5	7	8	6	8	7	5
5	6	5	6	6	5	4	4	7	8	7	6	6	4	4	4	4	5	5	4	4	4	4	4	5	5
6	3	3	3	3	3	3	5	27	18	12	7	6	6	6	5	7	8	10	8	9	8	8	7	7	8
7	7	6	6	5	4	5	10	25	33	12	5	5	3	3	4	6	9	7	6	3	4	3	3	4	7
8	3	2	2	2	2	2	2	2	3	3	3	-	3	3	3	3	4	5	5	4	3	3	3	5	3
9	5	4	3	3	2	2	2	3	3	3	3	4	4	4	3	3	4	5	4	5	5	4	3	3	4
10	2	1	1	1	3	3	11	29	18	8	3	3	5	6	6	7	7	6	6	6	7	14	14	7	7
11	5	5	2	3	3	3	4	6	7	6	4	4	4	4	4	4	4	6	7	7	4	4	4	4	5
12	3	3	3	2	3	3	4	7	6	4	3	3	3	3	3	3	5	6	6	6	5	3	3	3	4
13	3	3	3	3	2	3	5	10	14	13	12	9	10	11	10	12	19	20	-	15	13	11	8	4	9
14	4	3	2	3	3	3	3	7	11	5	3	3	3	3	4	5	6	6	6	6	6	6	6	6	5
15	4	5	4	5	5	5	10	19	30	22	9	5	7	5	4	4	6	10	10	8	7	6	7	7	9
16	6	6	6	5	5	4	4	4	4	5	5	5	6	8	9	5	3	3	3	3	3	3	3	3	5
17	1	1	2	2	1	3	4	12	20	15	7	4	3	3	3	3	3	5	4	4	3	3	2	2	5
18	3	2	2	2	1	1	4	9	13	8	7	7	-	-	6	9	15	22	22	10	16	9	3	3	8
19	1	1	1	2	2	3	3	6	10	9	4	7	8	8	8	8	8	8	8	11	10	8	8	7	6
20	6	6	5	4	4	4	6	10	12	13	13	13	17	18	22	22	38	71	86	77	64	41	32	32	26
21	33	35	30	25	19	18	23	38	51	62	-	60	37	11	4	5	12	13	16	26	17	15	14	11	25
22	7	10	9	5	3	3	4	4	4	5	5	6	9	10	10	11	13	12	16	20	20	22	21	15	10
23	15	10	9	7	8	8	7	8	11	11	14	10	10	12	8	11	9	12	10	8	11	14	18	19	11
24	19	11	5	5	7	9	12	11	6	4	4	4	4	4	4	4	4	4	5	7	5	7	6	8	7
25	7	6	5	4	3	3	2	2	2	3	3	3	2	2	2	2	2	3	3	2	2	3	3	3	3
26	2	2	2	2	1	2	2	2	2	2	3	3	2	3	4	4	3	3	3	3	6	7	3	3	3
27	2	2	2	2	2	2	2	3	4	3	3	3	2	2	2	3	3	3	4	5	5	3	3	3	3
28	2	2	2	2	1	1	2	3	4	4	2	2	2	2	3	3	3	5	6	8	5	4	4	4	3
29	2	2	2	2	3	3	2	2	4	3	4	4	3	3	3	3	5	5	3	3	3	3	3	3	3
30	2	3	3	2	2	2	2	3	4	4	3	3	4	3	4	5	6	15	17	12	18	13	9	17	7
31	20	22	5	3	3	3	2	6	9	5	4	3	4	4	4	5	7	13	8	19	20	18	14	6	9
MEAN	6	6	5	4	4	4	5	9	11	9	5	7	6	6	6	6	8	10	10	10	10	9	7	7	7.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.2	24	68
FEB	28	6.8	16	40
MAR	31	7.3	14	55
APR	28	5.2	11	33
MAY	31	5.5	10	32
JUN	27	5.0	9	25
JUL	31	4.7	10	21
AUG	31	5.1	9	30
SEP	30	6.6	14	40
OCT	31	6.3	33	74
NOV	30	7.9	24	66
DEC	31	7.1	26	86
YEAR	360	6.1	33	86

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	481	171	56	15	6	2	3	734
FEB	395	158	86	18	7	0	0	664
MAR	411	190	90	34	5	0	2	732
APR	488	130	50	10	2	0	0	680
MAY	487	167	79	5	1	0	0	739
JUN	462	156	43	2	0	0	0	663
JUL	522	164	42	1	0	0	0	729
AUG	538	143	49	9	0	0	0	739
SEP	415	186	78	27	6	0	0	712
OCT	484	151	69	16	3	6	4	733
NOV	396	166	93	27	15	7	4	708
DEC	442	178	86	16	8	1	7	738
YEAR	5521	1960	821	180	53	16	20	8571

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.8	0	1.5	2.6	3.8	5.7	11.7	16.4	23.5	30.3	86	6.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	8	9	10	-	-	-	-	-	-	-	-	7	8	9	8	8	11	16	16	15	14	5	3	10
2	3	2	1	1	2	2	2	3	-	3	3	3	3	3	3	4	4	3	2	2	-	-	-	2	3
3	2	3	2	2	2	2	2	4	5	3	4	3	2	2	3	7	24	30	9	5	5	4	4	6	6
4	4	4	4	3	4	5	6	9	12	6	5	5	3	3	3	6	11	8	4	4	3	3	3	3	5
5	3	2	2	3	2	2	3	11	15	12	7	4	4	4	6	7	11	12	11	11	7	7	-	11	7
6	7	7	7	5	6	7	6	8	9	12	13	12	11	12	10	12	17	17	19	10	10	12	10	10	10
7	8	6	5	3	3	4	3	6	6	6	8	7	7	7	6	4	5	5	3	3	3	4	4	4	5
8	3	2	2	2	2	2	3	5	7	6	4	4	5	4	4	5	6	11	6	5	5	6	9	17	5
9	22	16	15	11	3	2	4	6	8	7	7	7	6	7	8	7	9	6	6	4	5	5	4	4	7
10	3	3	3	3	3	3	4	9	12	4	3	4	3	-	4	3	4	7	6	5	2	2	-	2	4
11	2	2	2	2	2	2	4	9	8	7	7	8	9	7	8	8	14	22	-	-	-	19	15	13	8
12	14	14	11	6	5	5	9	10	10	10	9	6	6	6	-	-	8	7	-	-	12	11	5	6	9
13	6	5	5	5	4	3	3	3	3	-	4	6	6	5	5	4	5	4	4	4	4	3	-	3	4
14	4	3	3	3	3	2	3	3	5	6	7	15	13	7	3	3	3	3	1	1	2	3	3	3	4
15	3	2	2	2	2	2	2	5	9	6	4	3	3	3	3	5	5	6	5	6	18	14	10	6	5
16	5	5	5	4	5	4	6	9	9	6	5	6	-	3	3	-	-	9	12	11	12	7	9	9	7
17	14	5	5	5	5	3	2	4	4	3	3	3	3	2	2	1	2	1	0	1	2	3	2	1	3
18	1	0	0	0	0	0	1	4	3	1	-	-	3	2	2	3	4	4	4	2	2	2	0	1	2
19	1	0	0	0	0	0	2	3	4	3	7	4	-	3	3	13	16	-	13	12	19	16	11	9	6
20	10	12	4	3	3	2	1	2	2	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	3
21	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	2	2	2	1	2	0	2	2	1	1
22	1	1	1	0	0	-	2	4	4	3	1	1	1	2	3	3	3	-	3	2	2	2	2	3	2
23	2	1	2	2	1	3	3	9	14	26	14	5	15	15	10	8	13	17	8	6	4	5	3	1	8
24	2	4	5	4	-	1	2	4	-	-	-	3	3	4	4	2	2	2	2	1	1	0	0	0	2
25	0	-	0	1	0	0	0	1	2	1	0	0	1	1	0	1	2	2	1	0	0	0	0	1	1
26	1	1	0	0	0	0	1	2	5	3	3	3	3	3	2	3	2	3	3	2	4	5	5	4	2
27	4	2	2	2	2	2	2	2	3	3	5	5	6	7	5	8	9	8	6	7	6	5	3	3	4
28	2	2	2	2	2	2	1	2	2	2	4	3	4	4	4	4	4	4	2	2	2	3	6	3	3
29	4	1	0	0	0	0	1	1	1	2	1	1	1	-	1	3	3	2	1	0	0	0	0	0	1
30	1	0	0	0	0	0	0	2	2	3	1	1	2	1	2	2	2	-	1	1	0	0	0	0	1
31	0	0	0	0	0	0	0	2	4	3	1	1	1	1	2	1	2	3	2	1	0	0	0	0	1
MEAN	4	4	3	3	2	2	3	5	6	5	5	4	5	4	4	5	7	8	5	4	5	5	4	4	4.4

PERCENTAGE OF DATA VALID - 94.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 5.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	-	2	2	0	0	0	0	0	0	1
2	0	1	0	0	0	0	1	2	1	1	1	1	2	1	2	3	3	3	3	3	3	2	0	0	1
3	1	2	1	1	1	1	1	1	2	1	1	2	2	2	2	3	2	4	4	4	5	7	9	15	3
4	11	17	14	9	4	3	5	4	4	5	3	2	3	3	3	2	2	1	1	1	3	4	12	13	5
5	11	13	3	3	0	0	1	2	3	1	1	0	0	0	1	1	-	2	2	2	0	0	1	2	2
6	0	0	0	1	0	1	2	4	3	1	2	1	3	2	3	3	4	4	4	11	8	7	6	13	3
7	12	15	5	3	3	3	5	7	7	3	6	3	-	-	-	-	-	-	-	3	3	3	3	2	5
8	1	2	2	2	2	3	5	5	7	3	2	3	1	1	1	3	3	4	4	2	2	1	1	1	3
9	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	3	4	4	3	5	6	4	2	2
10	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1
11	2	1	1	1	1	2	1	1	1	1	1	1	1	1	2	2	2	3	3	6	6	5	10	9	3
12	9	6	6	7	7	7	7	8	9	14	15	13	10	10	7	4	4	7	8	6	2	2	2	2	7
13	2	1	1	1	1	1	2	2	3	2	1	1	6	2	1	3	3	4	-	5	5	5	2	2	2
14	2	1	1	1	1	1	5	6	3	1	1	1	1	1	1	2	2	4	3	5	5	6	3	2	2
15	2	2	1	2	1	2	3	4	3	3	1	1	1	1	1	1	4	4	-	2	2	2	2	2	2
16	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	4	3	1	-	1	-	1
17	-	-	1	1	1	1	1	1	1	1	1	1	1	-	1	1	2	2	3	3	4	4	6	10	2
18	11	11	6	6	7	5	5	4	5	4	6	5	3	3	3	4	3	7	9	13	-	10	9	-	6
19	4	5	5	3	3	3	4	9	9	5	4	5	7	6	10	6	10	10	22	23	16	20	23	26	10
20	17	15	16	15	13	10	13	22	16	14	7	5	5	5	6	7	10	12	10	7	7	6	6	6	10
21	7	11	11	7	5	6	6	5	6	6	5	5	5	5	8	11	16	17	12	13	14	12	6	5	9
22	3	2	2	2	2	2	4	6	5	4	4	3	2	3	2	4	2	3	13	32	46	24	17	13	8
23	9	8	5	3	3	4	3	5	6	5	3	4	4	5	5	8	16	-	8	5	4	5	4	6	6
24	5	4	3	3	4	3	3	3	3	2	2	3	2	2	3	2	2	2	1	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	3	1	1	1	1	1
26	1	1	0	0	0	0	0	2	1	0	0	0	1	0	0	2	1	-	0	0	0	0	0	1	0
27	1	0	0	0	0	0	1	2	2	1	1	1	0	1	2	2	4	6	5	3	4	3	3	4	2
28	4	2	2	1	1	2	4	13	25	24	8	3	2	2	2	3	5	7	14	9	10	15	17	13	8
MEAN	4	5	3	3	2	2	3	4	5	4	3	2	2	2	3	3	4	5	6	6	6	6	5	6	3.9

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	8	8	4	2	2	2	3	3	3	3	2	2	-	-	-	4	3	3	3	3	3	2	1	4
2	1	-	-	0	1	1	1	3	3	3	2	2	2	2	4	7	10	-	****	9	6	8	6	12	4
3	6	7	5	3	3	3	5	4	6	6	7	8	6	6	3	5	6	8	10	7	8	6	6	5	6
4	6	7	4	4	3	3	3	3	3	4	4	4	5	5	3	4	5	6	6	5	8	6	5	5	5
5	3	3	3	3	3	3	3	7	10	7	10	10	12	16	6	6	10	9	****	****	****	****	****	****	7
6	7	4	1	2	2	2	3	****	****	5	5	8	****	****	****	5	****	****	****	****	****	****	****	****	******
7	-	****	****	****	****	****	4	6	9	8	5	7	****	****	8	9	9	10	11	12	13	14	12	9	9
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	****	****	****	****	3	3	3	****	3	****	****	****	****	****	****	****	****	******
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	27	33	25	19	15	******
22	18	10	6	6	14	6	7	10	22	21	12	9	7	9	6	9	11	17	28	27	38	32	26	38	16
23	27	13	10	10	10	7	6	6	12	8	7	7	7	7	8	10	11	10	15	21	29	19	14	15	12
24	12	10	7	6	6	5	5	5	6	6	7	7	7	7	6	7	8	8	8	9	10	7	6	5	7
25	5	4	4	4	4	4	5	4	4	4	4	5	6	6	6	6	5	6	8	10	6	7	6	6	5
26	3	3	3	3	3	2	3	5	4	2	2	3	4	3	3	3	3	3	3	2	2	1	1	1	3
27	1	0	0	0	0	0	1	2	2	1	****	64	61	2	2	2	2	2	3	3	3	3	2	3	7
28	3	3	3	2	2	3	4	11	8	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30	****	****	****	****	****	****	****	4	-	5	8	-	-	-	5	6	6	7	6	9	10	13	9	6	******
31	5	6	8	6	7	6	6	15	10	14	18	19	26	21	11	5	5	4	4	3	3	3	3	3	9
MEAN	8	6	5	4	4	3	4	6	7	6	6	11	11	7	5	6	7	7	9	11	12	11	8	9	7.2

PERCENTAGE OF DATA VALID - 45.0 PERCENTAGE OF DATA INVALID - 53.2 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	1	1	2	2	2	1	1	3	3	3	3	3	3	4	4	4	4	3	****	2
2	****	****	****	****	****	****	****	****	4	4	4	5	****	****	4	5	7	5	6	6	6	8	8	8	******
3	****	4	3	3	3	3	3	4	6	4	3	3	3	3	3	3	4	5	6	6	9	10	14	14	5
4	14	10	7	4	4	4	4	3	3	3	3	****	****	4	3	5	****	4	4	3	3	3	3	3	4
5	2	2	1	1	1	****	5	8	-	-	****	5	3	3	3	3	4	4	4	4	4	4	5	6	4
6	4	4	3	3	3	3	4	4	5	5	****	5	5	4	3	5	3	3	5	3	2	2	1	2	4
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	3	6	8	12	17	3
9	15	8	5	3	2	2	2	3	3	2	3	3	4	3	3	3	3	3	3	3	3	3	3	3	4
10	2	1	1	1	1	1	2	3	2	2	2	2	2	2	4	4	4	4	4	3	3	3	3	3	2
11	2	2	2	2	2	2	4	3	1	1	2	2	3	2	3	4	5	5	7	9	9	7	6	6	4
12	4	3	3	3	2	3	3	3	3	2	2	2	3	2	4	4	6	7	9	10	9	7	6	5	4
13	4	4	4	4	3	2	2	3	2	3	2	2	3	4	4	4	4	4	5	5	5	6	5	6	4
14	4	3	3	3	3	3	3	3	3	5	6	7	6	7	5	5	6	7	8	9	8	7	8	6	5
15	15	16	13	11	10	10	5	4	3	3	3	3	3	3	4	5	5	4	5	5	6	6	6	5	6
16	5	4	3	2	3	3	3	3	3	3	3	4	4	4	3	4	5	****	7	6	****	9	13	5	5
17	4	3	4	3	3	3	4	4	4	3	2	2	3	-	-	4	5	-	5	5	****	****	5	3	4
18	3	3	2	2	2	3	3	3	3	2	2	****	-	-	****	4	5	5	6	6	6	6	5	4	4
19	4	3	2	2	2	2	3	3	2	2	2	2	2	4	4	4	4	5	6	7	7	8	6	6	4
20	4	4	3	3	4	4	3	4	3	3	2	2	3	4	5	14	6	7	10	11	12	24	40	28	8
21	25	31	16	9	9	9	9	10	13	13	11	7	7	7	8	9	10	11	14	14	16	19	13	19	13
22	15	13	9	8	6	6	7	5	5	5	5	6	5	6	6	6	6	6	9	10	12	18	20	20	9
23	25	17	8	5	4	5	6	7	4	4	5	5	5	6	6	8	9	9	7	9	8	8	10	10	8
24	6	6	5	4	6	6	5	5	8	5	6	****	5	7	7	9	7	7	9	12	11	9	8	8	7
25	6	5	5	5	6	****	8	9	9	7	7	8	13	10	10	12	15	13	11	10	10	10	13	13	9
26	13	8	7	7	7	7	8	10	10	8	8	9	7	9	9	13	12	11	9	8	11	13	11	9	9
27	9	7	6	5	6	6	9	13	15	13	11	11	13	14	11	8	9	9	7	7	5	5	4	4	9
28	4	4	3	2	2	2	4	4	5	7	7	7	7	5	5	4	5	7	7	11	9	10	7	8	6
29	5	5	4	5	3	2	2	2	3	3	3	4	3	4	4	4	5	5	6	9	7	5	4	4	4
30	3	3	2	3	3	4	5	5	5	5	4	5	5	6	7	8	8	8	8	7	6	5	6	6	5
MEAN	7	6	4	4	4	4	4	5	5	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	5.4

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 3.6 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	4	4	4	5	8	9	4	4	6	6	8	20	2	****	3	4	5	5	5	4	4	4	6
2	3	3	3	3	3	4	7	8	5	3	3	3	3	4	4	4	3	3	4	6	8	7	6	10	5
3	11	8	8	8	5	7	8	11	8	7	8	9	9	9	12	9	8	8	7	6	5	5	4	4	8
4	6	3	2	2	3	4	5	5	4	4	4	3	3	4	5	8	-	7	7	9	10	11	10	6	5
5	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	6	10	12	17	27	5
6	17	8	7	5	4	3	3	1	1	2	2	2	3	2	2	2	2	2	3	8	4	3	4	7	4
7	7	4	6	****	3	3	6	6	4	4	5	5	5	7	5	5	4	3	4	4	4	3	4	3	5
8	3	3	3	3	4	5	7	6	5	5	3	3	****	5	13	6	6	6	7	6	6	6	7	6	5
9	5	4	4	4	4	5	9	13	8	6	5	3	3	4	6	7	7	5	4	4	5	4	4	2	5
10	3	3	3	3	3	4	5	4	4	3	3	4	4	2	3	3	4	4	5	4	2	4	4	6	4
11	5	4	4	4	4	5	6	6	5	6	6	6	****	****	5	5	5	4	5	7	6	6	4	4	5
12	5	5	4	4	4	4	6	5	8	9	8	10	15	6	7	9	8	7	6	10	7	6	14	10	7
13	4	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	5	6	7	7	9	7	5	4
14	5	4	4	4	4	4	5	7	5	4	****	3	3	3	4	5	5	5	6	6	6	7	6	6	5
15	5	5	5	7	6	9	15	16	12	6	****	5	4	4	4	5	5	4	4	5	4	4	4	4	6
16	3	2	2	2	2	3	4	4	3	4	4	4	****	3	3	4	3	3	3	5	6	11	12	8	4
17	-	4	3	****	3	4	5	6	5	4	4	5	4	3	3	4	4	4	4	9	19	19	22	16	7
18	11	7	7	4	3	5	12	13	8	5	7	3	4	4	4	5	4	5	7	14	11	14	19	15	8
19	15	13	5	4	5	5	7	4	5	****	3	3	4	3	4	6	5	6	6	8	9	7	4	4	6
20	4	6	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	5	8	6	5	6	4
21	****	4	4	4	4	4	4	5	4	4	3	3	5	7	5	3	3	3	3	3	3	3	3	2	4
22	2	2	2	2	2	2	3	3	2	3	2	2	3	2	3	3	3	3	3	4	4	16	13	****	4
23	10	5	3	3	3	4	4	4	4	3	5	4	****	****	1	2	2	1	1	2	2	3	3	2	3
24	2	2	2	2	2	2	2	2	2	2	2	37	58	****	3	3	3	7	6	6	5	3	3	3	7
25	2	2	2	2	-	****	2	2	2	2	3	3	2	2	2	2	2	3	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	2	2	3	3	3	3	3	3	3	6	3	6	6	3	4	5	3
27	5	3	3	3	2	2	2	3	3	4	3	3	4	3	3	3	3	3	4	6	6	6	6	4	4
28	4	3	2	3	****	5	5	6	5	5	****	5	5	7	7	4	4	3	5	6	6	7	7	6	5
29	5	5	4	4	4	4	8	26	14	24	9	7	4	****	5	6	5	5	5	5	5	3	3	2	7
30	6	8	3	1	2	3	5	4	7	3	3	4	4	3	2	2	2	2	2	4	7	8	9	3	4
31	3	2	2	2	2	3	4	4	3	3	2	22	1	2	1	3	2	2	2	3	3	8	12	7	4
MEAN	5	4	4	3	3	4	5	6	5	5	4	6	6	4	4	4	4	4	4	6	6	7	7	6	5.0

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF DATA INVALID - 2.6 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	3	3	3	5	4	2	****	2	3	-	-	****	3	3	3	3	4	5	4	6	6	4
2	5	4	3	4	3	3	5	5	5	4	4	2	2	2	2	1	2	2	2	5	4	3	2	3	3
3	3	2	2	3	2	3	2	2	2	2	3	6	1	1	1	2	2	2	3	3	3	4	3	2	2
4	2	3	2	2	3	5	9	14	9	5	3	3	3	3	3	3	3	2	3	4	6	4	4	6	4
5	2	2	2	2	3	3	6	9	8	4	2	-	2	2	2	2	2	2	2	2	3	6	5	6	3
6	5	3	2	3	2	2	4	4	5	****	3	3	4	3	2	2	4	3	3	5	6	6	7	5	4
7	5	4	3	2	3	3	6	6	4	3	3	3	3	3	4	4	4	4	5	6	6	6	7	6	4
8	3	2	2	2	2	4	8	8	7	7	6	6	4	5	5	5	6	4	4	6	5	4	3	3	5
9	3	3	2	2	2	2	3	3	3	2	3	2	2	2	2	2	2	2	3	3	3	2	2	3	2
10	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2
11	1	1	1	1	1	2	3	5	4	****	****	****	2	2	3	3	2	-	-	3	2	3	2	2	2
12	2	2	2	2	2	2	3	2	2	2	2	2	2	2	4	2	3	3	****	4	4	4	5	3	3
13	3	3	2	2	2	3	4	6	2	1	1	1	2	1	2	2	2	2	2	4	6	10	12	7	3
14	6	5	4	4	****	4	13	26	6	5	3	2	2	2	3	5	4	3	3	4	3	4	4	3	5
15	2	2	2	2	3	4	3	7	5	3	****	****	2	4	3	4	3	4	4	5	5	3	3	3	4
16	3	2	2	2	1	2	2	2	2	1	2	1	1	3	5	4	2	2	2	5	9	11	11	11	4
17	10	9	8	8	5	6	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	1	1	4
18	1	1	1	1	1	1	2	2	1	1	****	1	1	-	1	2	2	2	2	2	2	2	3	3	2
19	2	2	2	2	2	2	4	3	2	****	4	2	2	2	1	1	1	1	1	1	8	8	13	13	3
20	5	3	2	2	2	3	8	9	4	2	2	2	2	2	2	2	2	2	2	3	7	6	12	8	4
21	6	3	1	1	2	3	7	5	3	2	2	2	2	2	2	3	2	3	1	3	2	1	1	2	3
22	1	1	1	1	2	4	5	5	4	****	****	4	3	3	4	6	-	5	5	6	6	8	6	2	4
23	1	1	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	1	****	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	3	5	6	4	2
25	3	2	2	2	1	2	2	2	2	1	1	1	1	1	1	1	-	1	1	2	6	12	16	13	3
26	6	4	7	6	3	5	9	11	5	2	3	2	2	2	3	3	3	2	3	4	4	4	3	3	4
27	2	2	1	1	2	3	5	6	5	1	****	2	3	2	2	3	2	2	2	2	2	2	4	1	2
28	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	2	2	1	2	2	3	2	2	3	1
29	2	0	0	0	2	7	8	4	3	2	1	1	1	1	1	2	2	2	2	4	5	5	10	-	3
30	2	2	1	1	0	0	1	1	2	2	3	3	2	2	2	-	0	1	1	1	1	1	0	0	1
MEAN	3	3	2	2	2	3	5	6	4	2	2	2	2	2	2	3	2	2	2	3	4	5	5	4	3.1

PERCENTAGE OF OATA VALIO - 96.3 PERCENTAGE OF OATA INVALIO - 2.4 PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST.OTTAWA MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	2	1	2	3	2	3	3	1
2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0
3	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	0	0	0	1	2	1	2	1
4	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2
5	1	1	1	1	0	1	1	2	1	1	28	****	2	2	1	2	1	1	1	4	8	5	5	6	3
6	4	2	2	2	2	3	2	2	2	2	2	1	1	1	2	2	2	2	2	3	3	4	4	4	2
7	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	6	5	3	3	3	2
8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	4	2	2	1
9	2	1	2	2	2	4	5	6	6	3	1	1	****	1	1	1	7	2	3	4	5	4	3	3	3
10	3	5	4	2	2	3	10	6	3	3	3	-	3	3	3	3	3	3	2	2	3	3	2	2	3
11	1	1	1	1	2	3	5	5	3	1	2	3	3	2	3	3	4	2	2	3	3	5	10	8	3
12	7	5	5	3	3	2	4	7	6	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3
13	2	2	2	2	1	1	3	3	2	1	****	1	1	1	1	1	1	1	1	2	7	7	7	5	2
14	5	4	3	1	1	1	3	3	3	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
15	2	1	2	2	1	1	1	1	1	2	2	1	1	2	0	0	0	0	2	2	2	3	3	3	1
16	3	2	1	2	1	1	4	3	2	2	****	****	1	1	1	****	****	1	****	****	1	****	****	****	*****
17	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
18	1	1	1	1	1	1	1	2	4	****	****	****	0	0	0	0	0	0	0	0	4	4	3	3	1
19	1	2	2	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	5	4	3	2	1
20	2	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	1
21	****	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
22	0	0	0	0	0	0	-	0	1	1	6	2	1	0	1	1	0	2	1	1	1	2	1	0	1
23	****	0	0	0	0	0	1	2	2	****	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1
24	1	1	1	1	1	2	7	8	3	1	2	2	2	1	2	2	2	1	2	2	1	1	1	1	2
25	1	1	1	1	1	1	4	4	2	2	2	2	2	2	2	1	2	1	1	1	3	3	1	1	2
26	1	1	1	1	1	2	3	4	3	1	1	2	2	3	3	****	2	2	3	2	2	2	1	1	2
27	1	1	1	1	1	1	2	2	1	1	1	1	1	-	1	2	2	1	1	1	3	5	7	6	2
28	3	2	2	2	2	3	3	4	4	2	2	1	2	2	1	3	3	2	2	1	2	2	2	1	2
29	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	7	6	5	4	2
30	5	3	2	2	1	2	5	5	6	6	2	1	1	1	2	2	2	2	2	2	3	3	3	2	3
31	2	1	1	1	1	3	3	4	3	****	****	3	3	3	2	3	3	3	2	2	2	4	3	2	2
MEAN	2	2	1	1	1	1	3	3	2	1	2	1	1	1	1	1	2	1	1	2	3	3	3	3	1.8

PERCENTAGE OF OATA VALIO - 96.6 PERCENTAGE OF OATA INVALIO - 3.0 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - AUG 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	0	1	1	1	1	1	1	1	1	1	3	4	4	3	****	2
2	1	1	1	1	1	2	3	4	4	4	6	3	S	B	4	3	3	2	1	1	1	1	1	1	3
3	1	1	1	1	1	2	4	3	2	18	1	1	1	1	2	2	2	2	3	3	3	1	3	1	3
4	1	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	3	4	4	4	11	12	12	7	3
S	4	3	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1
6	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1
7	2	2	2	2	2	3	6	15	5	****	3	4	****	2	2	3	4	3	4	3	2	2	2	1	3
8	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	****	4	2	3	3	2	1	2
9	1	2	4	3	2	3	3	3	2	2	1	****	****	28	****	1	1	1	1	4	4	3	3	2	4
10	2	1	1	1	2	3	7	4	2	2	1	2	2	2	2	2	2	2	3	2	4	1	1	1	2
11	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	3	3	1	1	1
12	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1
13	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	3	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	****	****	****	1	2	2	2	2	2	2	2	2	4	4	2	2
16	2	2	2	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	2	S	S	9	8	-	2
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	4	9	9	B	4	4	******
23	3	3	3	2	2	3	5	6	6	S	S	4	4	5	6	7	7	10	10	9	8	6	6	6	S
24	5	4	3	2	2	S	9	E	S	5	4	4	4	3	3	4	3	4	7	7	4	3	3	3	4
25	3	2	1	1	1	1	3	3	2	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	2
26	2	3	2	2	2	2	2	2	2	2	2	1	1	1	1	3	1	-	S	7	5	5	4	5	3
27	4	4	3	4	3	3	8	7	5	4	3	3	S	1	2	2	2	4	6	6	4	3	3	3	4
28	3	2	2	3	3	5	13	12	7	-	-	-	-	-	12	12	11	B	8	7	9	8	6	S	7
29	3	3	2	2	2	4	8	11	8	7	6	8	6	S	3	3	4	4	4	3	3	2	4	3	S
30	2	1	1	1	1	3	S	6	3	2	2	1	1	1	1	1	1	1	1	3	2	1	1	1	2
31	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	8	S	S	10	4	2
MEAN	2	2	2	2	2	2	4	4	3	3	2	2	2	3	2	2	2	3	3	4	4	4	4	3	2.7

PERCENTAGE OF DATA VALID - 79.6 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 19.1

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S1001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - SEP 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	5	2	2	2	2	3	5	4	2	1	1	0	0	0	1	0	0	1	2	5	6	6	8	4	3
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	1	2	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	1	2	1	1	0	0	0	0	1	0	0	0	0	3	7	21	13	9	4	3
S	3	1	1	1	1	7	7	-	S	5	2	1	2	0	2	1	3	2	10	12	10	6	S	3	4
6	6	2	0	0	2	2	2	4	2	3	2	1	1	1	1	1	4	4	6	3	0	0	0	0	2
7	0	0	0	0	0	1	1	1	-	-	0	1	0	1	1	1	1	2	1	2	1	1	1	1	1
B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	5	2
9	7	6	4	2	1	1	2	2	1	1	1	1	1	-	1	1	1	1	B	B	7	7	4	3	3
10	3	3	2	1	3	7	7	B	7	5	5	6	S	S	6	3	3	2	2	2	2	2	2	2	4
11	1	1	1	1	1	1	2	4	2	2	2	3	1	2	2	-	2	3	S	5	4	4	6	4	3
12	3	3	2	2	2	3	6	6	6	7	9	6	S	2	2	2	4	5	B	9	10	6	4	3	S
13	2	2	1	1	1	3	B	10	6	0	1	1	1	2	2	2	3	4	3	3	3	1	1	1	3
14	1	0	0	0	0	0	2	2	0	0	0	-	-	2	1	0	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	-	-	-	-	-	0	-	0	0	0	0	0	1	0	0	0
17	0	0	0	0	0	1	1	2	1	1	1	0	0	1	1	2	2	2	1	1	1	1	1	1	1
18	0	0	0	0	0	1	3	3	2	1	1	1	1	1	2	2	2	3	3	-	0	0	0	-	1
19	-	-	-	-	-	0	0	0	0	-	0	0	0	-	0	0	0	-	2	2	2	2	2	2	1
20	1	1	0	0	2	3	4	4	3	-	-	-	-	3	3	7	7	6	4	3	2	3	2	3	3
21	2	2	2	2	2	3	6	7	6	3	2	2	3	3	2	3	4	3	S	1B	-	19	12	6	5
22	4	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	3	2	2
23	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	6	B	10	7	3
24	5	3	2	2	2	3	8	9	10	4	4	2	2	2	3	3	3	6	14	14	17	1S	20	22	7
25	13	6	2	2	2	4	10	11	11	S	3	2	2	3	3	2	2	2	2	1	1	1	1	1	4
26	1	1	1	1	1	1	6	4	2	-	3	30	19	-	-	-	7	S	7	9	8	10	9	6	7
27	7	5	4	3	3	12	38	45	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	3	2	1	1	1	2	5	5	4	2	2	3	2	2	1	1	2	2	4	S	4	4	4	3	2.7

PERCENTAGE OF DATA VALID - 83.5 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 16.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST,OTTAWA MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	10	12	10	10	7	5	3	1	3	******
5	2	2	1	2	3	5	7	10	9	11	14	8	7	7	13	11	11	5	4	3	1	2	3	3	6
6	1	2	1	0	0	0	0	1	1	1	1	1	1	1	2	4	5	5	5	4	7	5	5	6	2
7	5	4	2	1	1	1	2	1	1	2	3	3	4	5	5	3	2	1	1	1	0	0	0	0	2
8	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3	-	******
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	3	2	2	2	5	4	******
10	-	3	-	-	-	-	2	14	14	6	5	2	3	3	3	4	5	5	8	6	7	6	5	4	6
11	2	-	-	-	-	-	3	5	3	-	68	-	4	3	-	4	3	4	16	14	12	9	5	4	10
12	2	2	1	1	1	4	4	6	5	4	5	5	6	5	6	7	8	6	5	6	6	7	10	9	5
13	6	3	2	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1
14	3	1	1	1	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1
15	1	3	1	1	2	2	2	-	1	1	0	2	2	2	2	3	4	2	2	1	1	2	2	1	2
16	2	0	0	0	0	3	6	6	4	2	0	-	4	3	4	2	8	12	17	22	24	29	24	15	8
17	10	5	3	2	2	2	5	-	-	10	8	10	12	12	16	17	16	19	21	15	9	8	4	1	9
18	1	0	0	1	1	2	7	9	6	2	1	0	0	1	2	3	4	7	8	13	17	25	20	16	6
19	9	3	3	4	2	3	5	8	6	3	4	5	4	5	6	-	-	5	5	6	5	6	6	5	5
20	11	3	1	2	2	2	3	3	3	4	5	5	4	3	3	5	8	6	4	4	6	5	3	2	4
21	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	4	3	3	3	3	4	3	4	4	3
22	3	2	2	1	2	4	9	10	7	5	3	3	4	3	4	6	6	8	11	18	15	10	5	5	6
23	3	2	2	2	2	6	11	15	3	23	-	-	-	4	4	5	3	2	3	3	3	3	3	2	5
24	2	1	1	1	2	3	9	8	6	-	4	3	2	3	3	4	3	3	2	1	1	-	1	1	3
25	0	0	0	0	0	1	2	3	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	0	1
26	0	0	0	0	0	1	2	2	1	1	1	-	1	-	2	2	2	2	2	2	2	2	2	2	1
27	1	1	1	-	1	1	2	1	1	0	1	0	0	1	1	1	5	-	7	7	6	3	3	2	2
28	2	2	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1
29	1	1	0	0	0	1	1	2	3	2	1	2	2	2	1	4	3	4	2	3	3	2	2	2	2
30	1	1	1	1	1	1	2	3	4	2	1	1	1	1	1	2	4	8	6	7	10	6	7	7	3
31	3	2	4	3	3	3	3	9	10	6	7	-	-	3	4	6	7	6	6	6	6	6	7	5	5
MEAN	3	2	1	1	1	2	4	5	4	4	6	3	3	3	4	4	5	5	6	6	6	6	5	4	3.9

PERCENTAGE OF OATA VALIO - 79.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 20.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCOONALO GON RIOEAU/WURTEMBURG ST,OTTAWA MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	2	2	3	4	11	-	9	9	6	5	4	4	7	-	-	-	11	10	14	10	4	6
2	3	2	2	1	1	1	2	3	3	-	3	2	4	-	-	8	11	18	9	8	6	7	8	8	5
3	4	4	4	4	4	3	4	5	7	3	2	1	1	1	2	3	4	8	-	26	-	7	3	-	5
4	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	4	5	4	3	3	3	5	2
5	5	8	4	3	3	4	8	22	-	8	4	3	2	3	4	7	10	11	10	-	-	21	28	22	9
6	14	7	4	3	2	3	4	5	9	-	6	6	5	-	5	5	-	15	15	13	9	6	5	5	7
7	3	2	2	2	2	2	2	5	7	4	6	2	4	4	3	2	5	4	4	3	2	1	1	1	3
8	1	1	1	1	2	-	-	-	9	5	2	27	-	4	-	-	7	5	-	3	2	2	2	2	4
9	2	2	1	1	1	1	3	5	6	6	11	-	5	-	-	-	-	-	-	-	-	4	3	3	******
10	3	3	3	2	2	2	3	2	2	2	2	2	2	2	2	-	2	2	3	3/	6	8	-	15	3
11	17	28	-	-	4	2	2	1	1	1	1	1	-	-	4	4	4	6	9	7	8	6	6	4	6
12	3	1	0	-	0	0	1	2	2	2	2	-	2	2	2	3	10	14	-	7	8	5	5	5	4
13	-	-	4	3	3	2	3	5	-	8	7	7	-	8	6	-	6	6	-	7	8	6	5	5	6
14	3	2	2	2	1	1	2	5	5	-	-	2	1	3	2	2	2	4	3	3	-	2	1	1	2
15	1	0	1	1	1	3	10	25	-	-	-	6	5	8	-	-	-	-	-	-	5	7	2	0	******
16	0	0	0	0	0	0	1	4	4	-	1	1	1	2	2	3	-	11	6	4	3	8	-	8	3
17	4	3	3	3	2	2	3	3	3	3	4	3	4	5	-	4	4	6	5	2	2	2	2	5	3
18	5	3	2	2	2	2	1	1	1	1	0	0	1	1	1	2	2	3	2	2	1	1	2	1	2
19	1	2	3	3	3	2	2	3	4	2	-	-	-	-	5	4	-	4	4	-	-	5	4	4	3
20	3	3	2	2	2	2	-	5	-	5	6	12	-	4	5	9	7	-	9	18	17	8	2	3	6
21	2	1	1	2	1	1	3	-	-	2	1	1	1	1	3	8	8	-	4	-	4	2	3	4	3
22	3	2	2	2	2	2	3	4	8	4	-	-	11	-	23	12	10	11	11	11	7	5	4	7	7
23	4	4	4	3	2	3	-	6	6	6	-	5	5	6	-	6	7	7	5	4	4	3	3	3	5
24	2	-	2	1	1	1	2	2	4	5	6	13	11	6	5	5	5	8	4	3	5	-	3	3	4
25	-	18	12	12	12	8	5	5	4	3	3	2	6	5	3	3	2	2	3	3	2	2	1	1	5
26	1	1	0	0	1	1	1	3	4	3	4	4	5	6	5	17	-	-	3	3	3	2	1	1	3
27	1	1	1	1	1	1	2	4	6	5	4	3	3	4	6	5	9	12	7	5	4	5	6	7	4
28	5	4	2	2	1	1	2	6	12	-	10	-	3	1	1	2	2	1	1	1	1	2	2	2	3
29	1	1	1	0	1	1	1	3	3	1	1	1	1	1	-	-	-	-	-	1	1	1	1	1	1
30	0	0	0	0	0	0	1	2	3	1	2	6	5	-	6	8	12	9	3	2	-	2	3	3	3
MEAN	4	4	2	2	2	2	3	5	5	4	4	5	4	4	4	5	6	7	6	6	5	5	4	5	4.2

PERCENTAGE OF OATA VALIO - 86.4 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 13.6

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	9	5	3	2	4	-	5	6	6	-	-	7	-	8	6	5	3	2	2	2	2	4
2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	2	1	1	1	1
3	1	2	1	1	2	1	2	-	-	5	-	3	2	3	4	-	-	-	4	3	3	3	3	3	3
4	2	2	1	1	1	1	3	6	7	3	4	4	2	3	2	2	3	2	2	2	3	3	2	2	3
5	3	2	1	0	0	1	3	4	5	-	3	5	-	6	9	-	-	19	12	-	3	3	3	2	4
6	1	0	0	0	0	1	2	6	6	5	3	3	-	45	-	-	-	-	-	-	-	-	-	-	******
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	-	4	4	3	4	4	3	1	1	1	3	4	3	******
11	2	0	0	0	0	2	2	5	7	6	7	5	5	6	7	6	9	10	4	4	4	6	5	6	5
12	4	7	7	1	1	1	3	7	10	5	3	1	1	1	0	1	1	0	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	2	2	2	1	1	0	1	2	3	6	4	2	3	3	2	2	2	2
14	1	2	2	2	2	1	1	6	6	4	4	2	0	1	1	3	3	6	5	4	3	2	2	3	3
15	3	3	4	9	4	3	6	4	4	5	5	5	4	8	6	4	4	4	5	4	3	3	2	2	4
16	1	1	1	1	1	1	1	2	1	2	2	3	3	9	11	3	0	0	0	1	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	2	2	3	3	3	3	3	3	3	1
18	0	0	0	0	0	0	1	2	2	2	-	-	-	-	-	-	-	4	7	7	9	5	5	6	3
19	2	1	0	0	0	0	0	2	3	3	2	2	3	3	2	4	4	6	5	3	2	3	2	2	2
20	2	2	1	0	0	2	2	4	5	4	-	-	-	3	4	4	7	4	4	3	4	3	5	4	3
21	4	3	3	2	0	1	3	4	8	6	8	7	8	7	2	2	3	4	8	6	6	4	5	3	4
22	3	3	4	4	2	2	2	2	3	4	5	5	4	5	4	3	3	2	5	3	4	3	4	3	3
23	2	2	3	1	0	0	1	1	1	3	4	5	6	7	5	5	6	6	5	3	5	8	5	5	4
24	5	5	4	5	6	5	3	3	7	10	7	5	5	5	4	3	2	3	2	2	1	0	0	1	4
25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	1	1	0	1	0	0	1
27	0	0	0	0	0	0	0	1	2	2	1	2	1	2	1	2	2	2	1	1	0	0	0	0	1
28	0	0	0	0	1	1	1	3	2	2	2	2	2	2	2	3	4	4	2	3	3	4	3	3	2
29	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	3	2	1	2	1	1	2	2
30	1	2	1	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0
31	0	0	0	1	1	1	3	4	6	4	5	2	7	6	7	9	10	15	20	18	9	6	8	-	6
MEAN	2	2	1	1	1	1	2	3	4	3	3	3	3	5	3	3	4	4	4	3	3	3	2	2	2.7

PERCENTAGE OF DATA VALID - 83.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 16.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.4	10	30
FEB	28	3.9	10	46
MAR	13	7.2	16	64
APR	29	5.4	13	40
MAY	31	5.0	8	58
JUN	30	3.1	5	26
JUL	30	1.8	3	28
AUG	25	2.7	7	28
SEP	26	2.7	7	45
OCT	25	3.9	10	68
NOV	28	4.2	9	28
DEC	26	2.7	6	45
YEAR	322	3.8	16	68

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	512	125	62	5	0	0	0	704
FEB	513	82	47	8	1	1	0	652
MAR	164	122	31	12	4	0	2	335
APR	440	184	57	4	2	0	0	687
MAY	525	156	34	5	1	0	1	722
JUN	611	68	13	1	0	0	0	693
JUL	693	25	0	1	0	0	0	719
AUG	533	47	11	1	0	0	0	592
SEP	515	65	15	3	2	1	0	601
OCT	465	87	32	7	0	0	1	592
NOV	481	99	33	9	0	0	0	622
DEC	548	68	6	0	0	1	0	623
YEAR	6000	1128	341	56	10	3	4	7542

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.1	0	0.1	1.1	2.2	3.8	7.5	10.5	14.9	19.7	68	3.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	9	12	14	-	-	-	-	-	-	-	-	5	5	5	6	8	8	8	7	7	6	7	6	8
2	5	4	3	2	2	2	1	3	-	4	3	3	3	3	4	3	3	3	3	3	-	-	-	2	3
3	3	2	1	1	1	1	3	3	3	3	3	2	3	3	2	3	3	4	3	2	3	3	3	2	3
4	2	1	1	1	2	2	3	3	3	3	3	3	3	3	3	4	4	3	2	2	2	3	2	1	2
5	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	-	3	2
6	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	3	4	4	3	2	2	3
7	3	2	2	2	2	2	3	3	3	4	3	3	5	4	4	4	5	5	5	5	6	7	6	5	4
8	3	3	3	3	3	4	3	4	5	5	4	5	4	5	4	4	4	4	3	4	4	4	4	3	4
9	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	4	4	3	3
10	3	3	3	3	3	3	4	7	6	4	3	3	3	-	3	3	5	3	3	3	3	3	-	2	3
11	1	1	2	2	2	2	2	4	4	5	3	3	-	2	3	3	4	4	-	-	-	4	4	3	3
12	2	18	18	15	14	14	16	22	21	-	-	8	8	8	8	13	17	15	-	-	13	13	11	11	13
13	9	9	8	6	5	5	4	5	5	-	6	6	9	6	7	8	9	7	6	5	5	4	-	3	6
14	3	3	2	3	3	1	1	2	4	2	3	3	2	3	4	1	1	0	0	2	0	0	0	1	2
15	0	1	1	1	1	1	1	1	2	3	2	2	2	2	2	3	3	3	4	4	3	1	1	1	2
16	1	1	1	1	1	1	1	2	2	2	4	3	2	3	3	4	5	3	4	4	2	2	3	6	3
17	6	5	6	6	5	3	3	5	3	2	2	2	2	3	4	6	3	3	5	4	3	3	2	3	4
18	3	3	2	1	3	2	2	3	2	2	-	-	2	2	2	2	4	5	4	3	3	3	3	2	3
19	4	3	1	1	2	1	3	4	4	2	3	4	-	2	2	4	4	5	9	9	10	9	6	9	4
20	5	4	4	4	4	4	4	3	2	2	2	2	2	6	7	8	7	8	9	8	8	9	7	7	5
21	6	6	4	5	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	1	3	2	2	1	3
22	1	3	1	1	2	-	2	2	2	2	2	2	2	3	2	3	3	-	3	2	2	2	0	1	2
23	2	2	1	1	1	2	3	5	5	3	2	3	3	3	3	6	9	10	3	4	4	5	4	2	4
24	2	4	9	9	6	5	6	4	-	-	-	7	7	7	6	7	6	6	4	4	4	2	3	3	5
25	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	3	2	2	1	2	1	2	2	1	2
26	1	1	1	1	1	2	2	3	2	2	2	3	3	3	2	5	7	5	3	3	3	5	4	6	3
27	3	2	3	3	4	4	3	3	5	4	4	4	2	4	4	4	4	4	4	6	5	5	3	5	4
28	3	4	3	2	1	3	2	3	2	2	2	2	3	2	3	3	3	2	2	2	2	2	2	2	2
29	1	0	0	0	0	0	1	2	2	2	2	3	2	2	2	2	3	2	2	2	2	1	1	2	2
30	1	1	0	2	1	1	1	2	2	2	1	-	2	1	2	2	1	-	2	2	1	1	0	0	1
31	0	0	1	0	0	0	1	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	1	0	1
MEAN	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	4	5	4	4	4	4	4	3	3	3.4

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	2	1	2	2	2	1	2	2	2	2	1	-	2	2	2	1	2	2	3	1	2
2	-	-	-	-	-	-	-	-	2	3	2	2	1	1	1	2	2	3	2	2	2	2	2	2	2
3	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	3	2	3	4	3	3	2	2	2
4	-	-	-	-	-	-	-	-	2	3	3	2	2	2	2	3	2	1	2	2	1	3	2	2	2
5	1	2	1	1	1	1	2	2	3	2	2	2	2	2	3	2	-	2	2	2	2	1	2	1	2
6	0	0	0	0	0	0	1	1	2	1	1	2	1	3	2	1	2	2	2	1	1	2	2	2	1
7	1	1	2	2	3	4	5	4	4	4	3	2	3	3	4	3	5	4	3	2	3	3	4	6	3
8	5	7	6	6	5	3	3	4	2	3	3	3	2	2	2	3	3	2	2	2	2	-	-	1	3
9	1	2	1	1	1	0	0	2	2	1	1	1	1	1	2	2	4	4	2	2	2	2	2	3	2
10	3	3	3	3	3	4	4	3	2	1	1	1	1	2	1	2	2	3	4	3	3	2	2	2	2
11	2	2	2	2	2	1	1	2	1	1	1	1	1	2	1	2	2	2	1	1	2	2	2	1	2
12	1	0	1	1	2	3	4	3	3	3	2	4	2	2	3	4	3	2	3	4	4	3	5	5	3
13	3	3	1	1	1	2	3	3	2	1	1	1	1	1	-	3	3	2	-	2	2	2	2	3	2
14	3	8	3	5	7	3	3	3	3	3	3	3	3	2	2	3	3	3	3	2	2	2	3	3	3
15	2	3	3	3	3	3	3	4	3	3	1	1	1	1	1	3	2	4	-	4	2	3	3	3	3
16	2	3	2	2	2	2	3	2	2	2	1	1	2	1	3	3	3	3	2	2	2	2	2	-	2
17	-	2	2	2	2	1	2	2	1	1	1	1	1	-	2	2	1	2	2	1	2	1	2	2	2
18	2	3	3	3	3	3	2	2	1	3	3	3	1	1	2	2	2	6	6	6	-	5	7	-	3
19	8	5	6	5	5	6	8	7	8	7	9	6	6	9	7	6	7	4	5	6	6	3	2	2	6
20	2	3	4	3	3	2	2	2	4	4	3	3	4	4	3	3	4	3	3	2	3	6	13	20	4
21	14	11	4	5	5	5	7	9	10	6	5	4	7	7	6	7	8	8	5	4	3	2	3	3	6
22	3	3	3	3	3	3	3	3	4	3	3	3	4	3	4	4	5	3	4	4	4	11	22	17	5
23	13	10	9	5	2	3	2	3	1	1	2	4	3	4	5	2	5	9	3	1	5	5	2	1	4
24	1	1	1	3	5	5	7	8	3	3	3	3	3	3	3	3	3	7	3	1	1	0	0	0	3
25	0	1	0	1	0	0	0	0	0	1	1	1	2	2	2	3	2	3	2	3	3	3	1	1	1
26	1	1	1	0	0	1	1	2	3	2	2	3	2	2	2	3	2	-	1	0	1	1	1	1	1
27	0	1	0	1	2	1	1	2	3	2	2	2	2	2	2	2	3	3	1	1	1	1	1	1	2
28	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	3	4	3	3	3	3	3	3	5	2
MEAN	3	3	2	2	3	2	3	3	3	2	2	2	2	3	3	3	3	3	3	2	2	3	4	3	2.7

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 5.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	9	12	6	6	4	2	2	2	2	2	3	4	4	5	5	5	5	4	4	4	5	5	4	5
2	3	4	5	5	4	3	4	5	5	4	-	-	-	7	6	5	5	-	-	5	3	5	4	4	5
3	4	5	6	6	7	7	7	5	4	3	3	3	3	2	3	4	2	5	7	11	11	8	7	3	5
4	5	6	5	5	4	4	4	3	2	3	2	2	2	1	2	2	2	4	4	4	4	5	5	6	4
5	4	3	4	4	4	4	5	7	9	8	4	7	-	-	-	2	2	2	2	2	2	1	2	1	4
6	0	0	0	0	0	0	1	3	2	2	3	5	5	2	2	2	3	5	5	6	7	5	2	1	3
7	-	-	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	5	6	7	13	15	6	3	3
8	4	3	3	4	6	8	7	5	3	1	1	3	1	-	2	2	3	4	6	11	13	9	7	7	5
9	4	2	2	1	2	1	2	2	2	1	0	2	2	1	2	2	3	4	13	13	5	4	3	2	3
10	1	2	1	1	1	0	1	1	1	3	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
11	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	-	2	2	2	1	1	1	1	1	-	1	1
13	1	1	1	0	0	0	1	0	1	0	0	1	2	5	4	8	9	9	11	9	1	1	1	1	3
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	1	0	1	2	2	1	1	2	3	3	2	2	3	2	1	1	1
16	1	1	0	0	0	-	0	0	2	2	1	2	2	-	2	2	2	2	2	2	2	1	1	1	1
17	1	2	1	2	1	1	1	1	2	2	2	1	0	0	1	1	1	2	3	7	4	2	4	6	2
18	4	3	3	3	2	3	2	1	0	0	0	0	1	1	1	1	1	1	3	6	8	14	19	4	3
19	3	3	3	3	3	6	7	4	2	2	3	2	2	2	1	1	2	3	2	5	5	5	3	7	3
20	11	13	9	6	9	6	14	8	4	3	2	1	1	1	1	2	2	-	-	17	25	-	36	-	9
21	- DATA INVALID -																								
22	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	24	11	5	******
23	4	5	4	5	4	1	2	4	7	5	2	1	1	1	1	2	1	1	1	2	4	3	6	4	3
24	1	1	1	1	1	1	2	4	2	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1
25	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
26	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1	-	-	-	-	0	-	-	0
27	0	0	0	0	0	0	0	1	1	1	1	0	0	2	2	1	2	1	1	1	2	0	1	1	1
28	1	1	1	1	1	2	1	1	1	0	1	1	1	1	1	3	1	3	3	4	2	5	6	5	2
29	3	2	3	2	-	1	1	1	2	1	1	2	2	3	4	5	5	4	2	2	2	2	4	2	2
30	2	3	3	2	1	1	1	1	-	3	3	3	3	4	4	4	5	5	3	4	4	4	5	9	3
31	6	12	11	11	6	2	2	2	2	3	2	3	3	2	3	3	4	4	3	2	2	1	1	1	4
MEAN	3	3	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2	3	3	5	5	4	5	3	2.7

PERCENTAGE OF DATA VALID - 90.3 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	2	1
2	1	1	1	1	1	1	1	1	4	3	-	3	-	-	-	5	7	3	4	2	3	1	1	1	2
3	1	1	1	1	3	1	1	2	3	1	1	2	3	3	3	3	3	1	2	5	4	4	9	8	3
4	2	3	3	3	2	4	8	7	3	2	2	2	1	2	3	1	-	-	3	-	2	2	1	0	3
5	0	0	0	0	0	-	1	1	-	-	-	0	0	1	1	1	2	1	1	1	1	0	2	1	1
6	0	1	0	0	0	1	1	0	0	0	-	1	0	0	0	0	3	1	2	2	1	0	0	0	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	1	1	1	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0
9	1	0	1	1	1	1	0	0	1	0	0	1	1	1	1	1	2	1	1	0	0	1	0	0	1
10	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	2	2	2	2	1	1	1	1	1
11	1	0	0	1	1	0	0	1	1	0	0	0	1	0	1	1	3	2	2	2	4	3	3	2	1
12	2	2	2	1	1	1	1	1	0	0	1	0	0	1	1	1	1	2	2	2	2	1	2	2	1
13	2	1	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	3	3	1
14	2	1	1	1	1	0	1	0	1	2	2	3	3	2	1	1	1	1	1	-	1	2	1	1	1
15	1	2	2	2	1	2	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	0	0	0	0	1	0	1	2	2	2	1	1	1	-	2	2	-	2	1	2	1
17	1	1	1	0	0	0	1	0	2	0	0	0	0	-	-	0	1	1	1	3	5	3	2	1	1
18	1	1	0	0	0	0	0	0	0	0	0	-	-	-	0	1	0	1	1	1	-	-	1	1	0
19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	8	15	17	17	17	3
20	12	5	5	3	1	****	2	2	2	1	0	0	0	0	0	0	1	1	4	9	13	5	2	1	3
21	1	1	****	1	****	****	0	1	1	1	1	1	0	0	0	1	1	3	3	8	6	8	8	3	2
22	1	1	1	1	2	2	1	0	0	1	1	0	1	1	1	1	1	0	1	2	3	1	3	3	1
23	1	0	0	0	1	1	1	1	0	0	0	1	1	0	1	2	1	2	3	4	5	3	2	2	1
24	2	1	1	0	0	1	2	2	1	0	0	****	0	1	1	2	2	2	2	3	2	2	3	3	1
25	3	2	1	0	0	****	0	0	4	3	3	2	2	2	2	13	2	2	2	3	3	0	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	2	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0
29	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	1	0	0	0	0	0
30	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	1	2	2	2	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	2	3	3	2	2	2	1.2

PERCENTAGE OF OATA VALIO - 96.1 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 3.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0
2	0	0	0	0	0	0	1	1	0	6	0	0	1	1	2	2	2	2	1	1	2	1	1	1	1
3	0	0	0	1	1	1	2	3	1	2	2	1	1	1	4	4	3	3	2	1	2	1	1	1	2
4	2	1	0	1	1	0	1	1	2	1	0	1	1	2	2	1	-	1	1	1	2	1	1	0	1
5	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	3	1	1	0	1	0
6	1	0	1	1	1	1	0	1	0	0	0	0	1	1	0	0	0	1	1	3	1	2	2	2	1
7	4	1	1	****	2	3	3	2	1	0	0	1	2	2	1	2	2	1	2	1	1	1	1	1	2
8	1	0	0	1	2	1	1	2	2	3	2	1	2	2	1	2	1	2	2	4	2	1	1	0	2
9	0	0	0	0	0	0	0	1	0	1	1	1	24	1	1	1	1	1	1	1	1	1	1	1	2
10	1	0	0	****	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	2	4	3	1
11	1	0	0	0	0	0	1	1	1	2	2	2	1	1	2	2	3	3	3	4	4	6	5	4	2
12	5	5	3	3	2	3	3	3	3	2	1	1	2	3	4	3	2	3	4	4	3	2	2	2	3
13	2	1	1	2	2	2	2	1	1	1	3	3	3	2	1	1	1	1	1	1	1	1	0	0	1
14	0	0	0	0	0	0	1	2	0	1	****	1	1	1	1	5	1	1	1	1	1	1	0	0	1
15	0	0	0	0	0	0	0	0	0	0	****	2	1	2	2	19	1	2	2	2	1	0	0	1	2
16	1	0	1	1	0	0	1	1	1	0	1	0	0	1	2	2	1	1	0	2	3	3	4	4	1
17	-	1	1	****	1	1	1	3	1	0	0	0	0	0	0	0	1	0	1	3	4	6	4	6	2
18	6	1	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	2	5	4	1	1	1	1
19	1	1	1	0	1	1	1	2	1	****	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1
20	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	****	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0
22	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	1	2	4	1	****	1
23	0	0	0	1	4	3	2	2	1	1	1	1	1	1	2	3	2	1	2	2	1	2	2	2	2
24	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	1	2
25	1	0	0	0	-	****	0	1	1	****	65	2	0	2	1	2	1	1	2	1	1	1	1	1	4
26	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	2	2	3	3	1	1	1	1
27	1	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	0	2	1	1	0
28	1	1	1	0	****	0	1	0	****	8	****	2	2	2	2	2	3	2	2	2	2	2	3	2	2
29	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	3	4	4	3	3	4	4	3
30	4	3	2	3	4	3	3	5	2	3	2	4	3	2	3	4	2	2	3	3	3	2	3	3	3
31	5	3	2	2	2	2	2	2	3	3	2	3	3	3	3	2	2	2	2	3	2	4	5	6	3
MEAN	1	1	1	1	1	1	1	1	1	1	3	1	2	1	1	2	1	1	2	2	2	2	2	2	1.4

PERCENTAGE OF OATA VALIO - 97.8 PERCENTAGE OF OATA INVALIO - 1.7 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S6051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - JUN 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	S	7	S	6	2	2	4	4	3	****	2	2	-	-	2	2	2	2	2	2	2	2	2	3	3
2	3	4	4	4	4	3	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	2	2
3	2	2	2	2	2	3	2	2	4	2	2	3	2	3	1	1	1	1	1	1	1	1	1	1	2
4	1	2	2	2	3	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	2	1	1	1	2
5	1	1	1	1	1	1	1	0	33	2	2	-	2	1	2	2	0	0	0	0	0	1	1	1	2
6	3	S	4	1	2	2	3	2	1	0	1	1	1	1	1	0	0	1	1	2	6	4	1	0	2
7	0	4	10	9	6	7	7	4	3	2	1	0	1	2	2	1	1	2	3	3	3	2	1	1	3
8	1	0	0	0	0	0	1	2	0	1	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2
9	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	2	2	3	3	2
10	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
11	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	1	-	-	1	0	0	0	0	1
12	0	0	0	1	0	0	3	2	0	1	2	2	1	1	2	2	2	0	****	2	2	2	1	0	1
13	0	1	1	0	1	1	1	0	1	1	0	0	0	0	2	2	2	1	1	3	4	8	6	1	2
14	1	1	1	1	****	1	2	2	6	28	1	1	2	2	2	2	1	1	2	2	1	****	0	1	3
1S	0	0	1	1	1	1	2	2	1	1	****	****	2	1	2	2	1	0	0	0	1	1	1	1	1
16	1	1	1	0	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
18	0	0	0	0	0	0	0	1	1	0	****	0	1	-	1	1	1	1	1	2	6	6	S	3	1
19	2	1	2	1	1	3	3	2	0	0	0	0	1	1	1	0	0	0	0	2	2	2	1	0	1
20	****	1	1	1	1	10	4	2	1	0	0	0	0	0	1	2	1	0	2	7	9	4	2	1	2
21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0
22	1	1	1	2	1	2	3	1	1	1	1	0	0	1	1	1	-	1	3	3	2	4	3	2	2
23	2	1	1	1	1	0	0	1	1	1	0	0	0	1	0	0	1	1	0	1	0	0	0	0	1
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1	4	4	3	2	1
25	2	1	1	0	1	1	1	0	13	0	0	0	2	0	1	1	-	0	1	3	3	3	2	1	2
26	1	1	0	1	0	1	1	1	1	1	1	1	1	3	1	1	1	0	1	1	1	1	1	0	1
27	0	0	0	0	1	1	2	2	1	2	2	1	0	1	1	1	1	2	1	1	1	1	1	1	1
28	2	1	1	1	1	2	2	2	1	2	1	1	1	2	1	2	1	1	2	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	0	-	1
30	0	0	0	0	0	0	1	1	1	2	1	1	2	2	1	-	2	1	1	2	1	1	1	1	1
MEAN	1	1	1	1	1	2	2	1	3	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1.4

PERCENTAGE OF OATA VALIO - 97.2 PERCENTAGE OF DATA INVALIO - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S6OS1 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	1	0	1	2	1	1	1	1	1	2	2	2	2	1	0	1
2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1
3	0	0	0	0	0	0	0	0	****	****	****	1	1	1	0	1	0	0	1	1	2	3	3	1	1
4	1	1	1	1	1	1	1	0	0	0	0	0	2	1	0	S	3	0	1	2	2	0	0	0	1
S	0	0	0	0	0	0	0	0	0	0	1	****	0	1	2	2	2	1	1	3	3	1	2	1	1
6	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	0	4	3	2	2	2	1
7	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1
8	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
9	0	0	0	0	1	1	2	1	0	0	1	1	7	0	1	1	1	0	0	2	1	1	0	0	1
10	0	0	0	0	0	0	0	0	0	1	0	-	0	0	0	0	0	0	0	0	1	0	0	0	0
11	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
12	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	3	2	6	8	3	1
14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	0
1S	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	22	****	****	1	1	1	****	****	****	****	1	1	****	****	****	******
17	1	1	0	0	0	0	0	1	0	0	0	0	0	2	4	2	1	1	1	2	3	6	6	S	2
18	4	4	2	2	2	1	1	3	3	1	1	0	0	0	0	2	1	1	2	2	4	4	2	1	2
19	2	0	1	1	1	1	2	1	1	0	0	0	0	0	1	1	1	1	1	2	1	1	1	0	1
20	1	1	0	0	2	1	2	1	1	1	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1
21	****	0	1	0	0	1	1	0	0	0	1	1	0	1	1	1	2	1	2	2	2	1	1	1	1
22	1	0	0	0	3	1	-	1	1	0	1	1	1	1	1	1	1	1	1	1	2	2	3	4	1
23	****	1	1	1	0	2	1	0	0	0	1	0	0	1	1	1	1	1	2	1	2	2	2	1	1
24	3	1	0	1	0	1	2	1	S	2	0	1	1	1	1	1	2	2	2	2	2	2	1	1	1
25	****	0	0	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	2	2	1	****	1	1	1
26	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	1	1	0	0	0	0	1	1	-	2	1	1	1	1	2	4	6	S	2	1
28	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1
29	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	5	9	8	4	1
30	1	1	1	0	0	2	1	1	1	1	0	0	0	0	0	1	1	1	1	3	2	2	6	3	1
31	1	0	0	0	0	0	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	0	1	1	1
MEAN	1	1	0	0	0	1	1	0	1	1	0	0	1	0	1	1	1	1	1	2	2	2	2	1	0.9

PERCENTAGE OF DATA VALID - 97.0 PERCENTAGE OF OATA INVALIO - 2.6 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	0	1	1	1	0	1	1	1	1	1	2	2	2	3	3	****	1
2	1	****	0	0	0	1	2	2	0	1	2	1	1	1	1	1	1	1	1	1	0	0	1	0	1
3	0	1	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	0	1
4	1	0	0	0	0	****	1	0	0	0	1	0	0	1	1	1	1	1	1	1	2	2	1	1	1
5	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	0	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	3	0
7	1	1	1	0	0	0	1	2	****	****	0	0	****	1	0	0	1	1	1	1	2	2	2	2	1
8	1	0	0	0	0	1	1	1	1	1	0	0	0	0	****	****	****	****	0	1	0	1	2	3	1
9	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	1	2	0	0	0	0	0
10	0	0	0	0	0	1	1	1	10	1	1	1	1	1	2	3	2	1	1	1	3	3	2	1	2
11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	1	0
12	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	1	2	1	1	1	1
13	2	1	1	1	1	2	2	2	1	0	****	0	0	0	0	0	1	0	1	0	0	0	0	0	1
14	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
16	1	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	1	2	4	3	2	2	1
17	1	0	0	1	0	1	0	0	0	1	1	0	1	0	0	0	1	1	2	2	1	-	1	0	1
18	0	1	0	0	0	1	1	1	1	0	1	0	0	0	1	1	1	0	0	1	1	0	1	1	1
19	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	4	4	5	1
20	3	4	5	3	2	1	4	4	4	3	1	2	1	1	1	1	0	0	1	3	7	8	8	4	3
21	1	0	0	1	1	1	2	1	2	1	0	0	0	0	0	1	0	0	2	1	1	1	1	1	1
22	1	1	1	1	1	1	2	2	2	1	0	0	0	0	0	0	0	1	1	4	5	4	1	3	1
23	7	8	6	5	7	6	8	3	1	-	-	0	0	1	1	2	1	1	1	0	0	0	0	0	3
24	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0
25	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1
26	1	1	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	1	2	1	1	1	0	1
27	0	0	0	0	0	0	1	-	-	2	0	1	1	1	0	0	1	1	1	2	1	0	0	0	1
28	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1	0	1	2	3	2	1	1	1	1
29	0	0	0	0	0	1	3	4	2	2	2	1	0	1	1	1	1	1	1	1	0	1	0	1	1
30	0	1	1	1	1	1	1	2	1	0	1	1	1	1	2	2	1	1	2	2	2	2	1	1	1
31	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	0	1	1
MEAN	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	2	2	1	1	0.8

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	2	1	2	3	4	5	1	0	0	1
2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	1	0	0	0	1	1	1
3	0	2	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0
4	0	0	0	0	0	0	2	3	2	-	0	0	1	0	0	0	0	0	2	3	7	6	1	1	1
5	1	0	0	0	0	3	2	3	2	1	1	1	0	0	0	1	1	1	4	7	2	1	1	1	1
6	0	0	0	0	1	3	6	8	5	3	3	1	2	1	2	2	2	2	2	2	1	0	1	0	2
7	0	0	0	0	0	0	2	1	1	1	1	2	1	1	1	2	0	2	2	2	2	0	1	0	1
8	0	0	0	0	0	0	2	1	1	1	1	1	0	1	1	0	1	2	2	1	4	1	1	2	1
9	2	1	0	0	1	1	1	2	2	1	1	1	1	-	2	0	0	0	1	2	1	1	0	0	1
10	0	0	0	0	0	1	2	2	1	1	2	0	1	1	1	1	1	0	0	0	0	1	0	0	1
11	1	0	0	0	0	2	2	1	-	-	2	1	1	2	2	-	1	2	1	1	1	3	2	2	1
12	2	1	1	0	2	3	4	3	2	2	1	1	1	1	1	1	2	2	5	4	9	8	9	3	3
13	11	7	7	4	5	7	9	7	1	1	1	1	1	1	1	2	2	2	4	6	3	3	2	1	4
14	1	1	1	1	1	3	5	2	2	3	-	-	3	3	3	3	1	1	0	1	1	1	1	1	2
15	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	1	0
16	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	1	1	1	1	1	1	0	0	0	0
17	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
18	1	0	0	0	1	1	1	-	1	1	1	1	1	1	-	1	1	1	1	-	0	0	0	1	1
19	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	1	-	1	-	0	1	0	1	0
20	3	1	1	1	1	1	2	2	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
21	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1	2	3	-	1	4	2	1
22	4	3	1	1	0	1	2	0	0	0	0	0	0	0	0	0	0	1	3	3	1	1	1	1	1
23	1	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	1	3	4	5	6	2	1	1
24	0	1	2	7	9	9	23	16	5	4	0	1	0	0	1	1	1	2	3	6	6	3	1	0	4
25	0	0	0	1	0	1	3	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1	0	1	1
26	1	1	0	0	1	1	1	1	0	0	2	1	0	0	0	0	0	1	1	3	3	4	3	2	1
27	1	3	10	7	0	1	4	2	1	3	4	0	2	1	1	1	1	1	2	1	1	1	0	0	2
28	1	0	0	0	0	1	3	2	1	2	2	2	1	1	2	2	1	1	1	1	1	1	1	0	1
29	1	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	1	2	2	3	3	4	3	2	1
30	2	2	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	2	1	1	0	0	1	1
MEAN	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1.3

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	-	-	8	2	4	7	5	6	4	2
2	3	3	3	3	7	2	4	4	2	3	2	2	1	2	4	3	3	3	4	4	3	2	1	1	3
3	1	1	2	3	2	2	3	4	9	-	-	2	2	2	6	5	3	2	4	4	3	1	0	0	3
4	0	1	0	1	1	1	2	2	1	1	1	1	1	1	0	1	1	2	2	2	3	4	2	2	1
5	1	1	1	2	0	1	2	3	3	2	2	2	1	1	1	5	8	2	1	1	1	1	1	1	2
6	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0
8	0	-	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2	1	3	4	3	1	1
9	1	1	0	0	0	1	1	2	1	1	-	-	1	0	1	1	3	1	1	1	1	1	1	1	1
10	1	1	-	0	0	-	2	3	17	-	-	-	-	0	0	0	1	3	2	3	6	7	5	1	3
11	1	0	0	1	0	0	1	1	0	0	0	1	0	1	-	1	1	3	4	4	3	9	9	12	2
12	14	9	6	5	3	3	7	1	1	2	2	4	4	5	4	3	2	1	1	1	2	1	0	0	3
13	1	0	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	0	0	0	0	1	-	4	1	1	1	1	2	4	1	1	1	0	1	1	1	2	1	1
16	1	1	1	1	1	2	5	3	1	0	0	-	-	0	1	0	1	8	16	21	29	28	30	25	8
17	26	22	21	19	18	21	26	-	-	3	3	1	1	1	4	4	3	2	1	1	1	1	1	1	8
18	1	1	1	0	0	1	1	3	1	0	0	1	1	0	0	0	1	7	22	31	40	42	13	13	8
19	2	8	26	23	22	20	24	21	11	3	2	1	2	1	2	-	-	8	12	12	1	0	-	1	10
20	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	1	0	1	0
21	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0
22	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	1	2	4	9	16	12	12	9	1	3
23	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	-	1	1	0	0	0	1	2	1	1	1	0	-	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	2	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	2	-	0	-	2	2	1	0	6	1	0	1	0	1	1
27	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	1	2	1	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	2	2	3	3	3	1
29	3	2	1	1	1	1	0	1	1	1	0	1	2	2	2	2	2	2	1	1	1	1	2	1	1
30	1	1	1	1	1	1	1	2	3	1	0	0	D	1	1	1	-	5	10	19	25	17	8	5	5
31	4	3	19	30	32	28	22	15	13	5	2	2	2	2	3	4	4	3	2	3	3	5	4	4	9
MEAN	2	2	3	3	3	3	3	2	2	1	1	1	1	1	1	1	2	2	4	5	5	5	3	3	2.5

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 3.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	10	11	11	7	7	9	12	7	7	4	5	4	4	5	8	13	28	45	55	14	8	2	12
2	1	1	1	0	1	1	1	1	2	1	2	2	2	2	1	2	3	2	1	2	1	1	2	1	1
3	1	2	2	2	1	1	2	2	2	2	2	1	2	1	1	1	4	5	14	6	2	1	1	-	3
4	1	1	1	1	1	1	1	1	1	0	1	0	1	1	2	1	2	2	2	3	2	3	3	3	1
5	2	2	2	2	2	2	2	2	2	-	-	0	0	0	1	1	5	14	25	11	36	41	51	38	11
6	36	26	24	21	18	14	8	16	25	2	2	2	2	2	2	4	7	6	4	4	7	6	4	4	10
7	4	4	7	6	8	6	6	6	6	5	4	3	2	4	4	5	4	3	2	1	1	1	0	0	4
8	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0
9	0	0	0	0	0	0	1	2	2	1	2	0	0	1	3	5	5	4	2	-	2	2	1	2	2
10	1	2	2	2	3	1	1	1	1	2	3	2	2	1	2	-	2	2	2	2	2	2	2	2	2
11	4	3	-	2	3	4	3	4	1	1	0	0	-	0	0	0	2	1	1	1	2	1	2	2	2
12	2	2	1	-	1	1	1	2	3	2	2	2	3	2	2	2	2	2	6	4	7	6	5	5	3
13	6	8	3	2	0	0	1	2	4	3	3	3	2	4	4	7	8	10	8	7	5	3	2	1	4
14	1	1	0	0	0	0	1	2	3	1	0	1	1	0	1	2	2	1	0	0	0	0	1	0	1
15	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1	1	1	1
18	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	-	-	2	2	4	4	4	4	3	2	4	3	3	4	2
20	4	5	5	5	3	6	4	5	5	7	7	7	7	12	11	4	5	3	2	2	4	3	2	2	5
21	2	1	1	1	1	1	1	4	3	2	1	1	1	2	3	2	6	-	-	2	2	2	2	2	2
22	2	2	2	2	3	3	4	6	6	2	3	3	3	3	3	3	3	3	2	1	1	1	1	1	3
23	1	1	2	15	16	12	-	6	7	7	5	7	8	8	10	13	15	11	9	9	10	11	10	10	9
24	10	-	8	8	7	6	5	6	6	9	17	6	2	3	3	3	3	2	5	1	1	-	1	1	5
25	1	1	1	1	1	1	1	4	2	3	3	2	2	2	2	1	1	1	2	1	1	1	2	1	2
26	2	3	3	3	2	2	3	2	3	4	2	4	4	3	3	3	3	3	1	1	1	1	1	1	2
27	1	1	1	1	1	1	2	2	2	0	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1
28	1	0	1	1	1	1	2	4	5	5	3	2	1	1	1	1	1	1	1	0	0	0	0	0	1
29	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	-	-	-	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	2	2	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0
MEAN	3	2	3	3	3	2	2	3	4	2	3	2	2	2	2	3	3	4	4	4	5	4	4	3	3.0

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDE5 - CHEMILUMINE5CENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - OEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	-	2	2	2	1	1	1	0	1	1
2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	5	27	1	1	3	2	-	-	1	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	2	2	1	1	1	2	2	1	3	3	2	1	1	1	1	1	1	1
5	1	1	0	0	0	0	0	1	1	1	1	2	4	5	14	16	2	1	1	-	15	1	1	1	3
6	1	1	1	1	1	1	1	2	7	10	3	2	2	2	1	3	3	3	2	2	1	1	0	1	2
7	1	1	1	1	1	1	0	1	-	55	6	1	1	1	1	2	3	3	2	1	1	1	0	1	4
8	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	-	1	0	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0
10	0	0	0	0	0	0	1	2	3	1	1	1	0	1	1	4	2	3	1	1	1	1	1	1	1
11	2	1	1	2	2	2	3	4	6	2	6	9	14	13	19	17	25	35	30	13	1	1	1	1	9
12	1	1	2	1	1	1	1	2	1	1	1	1	1	-	2	1	2	0	1	0	0	-	-	-	1
13	-	0	0	0	0	0	0	0	1	0	0	1	1	2	2	-	3	1	1	2	1	1	1	1	1
14	0	1	0	0	0	1	1	1	3	2	-	1	1	-	2	-	3	3	2	1	1	2	1	1	1
15	0	1	1	1	1	2	7	12	8	0	0	1	1	0	1	1	2	1	2	5	1	0	0	0	2
16	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
17	0	0	0	0	-	-	0	0	0	0	-	2	2	2	3	3	3	1	2	2	5	7	5	1	2
18	1	1	1	1	1	1	3	3	3	2	2	2	2	3	3	4	5	4	3	4	6	7	6	13	3
19	7	4	3	3	3	3	1	2	4	2	3	3	3	2	4	4	8	9	3	4	7	9	9	8	5
20	6	5	5	5	5	5	6	7	11	9	11	10	12	14	14	13	13	14	12	6	6	13	16	18	10
21	18	17	15	15	9	15	17	18	20	13	12	11	6	6	8	14	20	33	42	41	39	29	39	41	21
22	36	35	37	32	32	29	24	22	17	13	13	11	10	9	11	14	15	14	14	14	15	14	15	17	19
23	17	17	17	14	13	12	12	13	14	11	11	10	11	14	10	8	10	11	10	7	11	9	3	2	11
24	2	2	2	2	2	2	3	4	2	3	9	13	11	8	11	11	11	11	9	11	9	8	6	5	7
25	5	5	3	3	3	1	1	1	1	0	0	1	0	0	0	1	1	0	0	-	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	2	1	2	0	0	1
27	0	1	0	1	1	1	2	1	1	2	3	2	1	1	0	2	2	1	1	1	0	0	0	0	1
28	1	1	1	1	1	0	0	1	0	2	2	3	2	2	2	3	2	1	1	1	1	0	0	1	1
29	0	1	0	0	0	0	0	0	1	1	0	0	1	2	1	2	2	1	1	1	1	2	0	0	1
30	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
31	1	1	1	0	0	0	1	1	3	2	2	1	2	2	2	2	3	3	3	3	3	1	1	-	2
MEAN	3	3	3	3	3	3	3	3	4	4	4	3	3	3	4	5	5	5	5	4	4	4	4	4	3.7

PERCENTAGE OF OATA VALIO - 97.3 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 2.7

NOTE5 1. "****" INOICATE5 INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "******" INDICATES LES5 THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RESOURCE5 BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDE5 - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRO 5T., CORNWALL

MONTH	NO OF OAY5	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	3.4	13	22
FEB	28	2.7	6	22
MAR	29	2.7	9	36
APR	30	1.2	3	17
MAY	31	1.4	4	65
JUN	30	1.4	3	33
JUL	30	0.9	2	22
AUG	31	0.8	3	10
SEP	30	1.3	4	23
OCT	31	2.5	10	42
NOV	30	3.0	12	55
DEC	31	3.7	21	55
YEAR	362	2.1	21	65

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	618	74	15	2	0	0	0	709
FEB	584	43	7	1	0	0	0	635
MAR	595	54	20	2	1	0	0	672
APR	674	11	7	0	0	0	0	692
MAY	718	7	1	1	0	0	1	728
JUN	681	16	1	1	1	0	0	700
JUL	712	9	0	1	0	0	0	722
AUG	716	11	0	0	0	0	0	727
SEP	682	22	2	1	0	0	0	707
OCT	650	23	20	20	3	1	0	717
NOV	606	60	21	6	3	2	2	700
OEC	588	45	71	7	9	3	1	724
YEAR	7824	375	165	42	17	6	4	8433

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.3	0	0.0	0.1	0.7	1.6	3.9	6.6	12.4	17.2	65	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST, PORT HOPE MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
8												- OATA UNAVAILABLE -													
9												- OATA UNAVAILABLE -													
10												- OATA UNAVAILABLE -													
11												- OATA UNAVAILABLE -													
12												- OATA UNAVAILABLE -													
13												- OATA UNAVAILABLE -													
14												- OATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- OATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- OATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	2	3	4	3	2	2	******
24	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2
25	3	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	3	3	2
26	3	2	1	1	2	1	1	1	1	2	1	2	0	0	0	0	0	0	0	0	0	0	1	4	1
27	3	3	2	2	2	3	3	4	4	3	2	2	2	2	1	1	1	1	1	1	6	7	10	8	3
28	7	5	4	5	2	2	3	3	2	2	2	2	2	2	1	2	2	2	1	2	6	6	7	3	3
29	2	2	3	3	1	2	2	2	2	2	2	3	4	5	5	4	3	2	1	2	2	1	1	1	2
30	1	4	3	5	7	5	5	5	4	4	4	3	3	-	-	-	-	-	-	-	-	-	-	-	******
31												- OATA UNAVAILABLE -													
MEAN	3	3	3	3	3	2	3	3	2	2	2	2	2	2	2	2	2	2	1	2	3	3	4	3	2.5

PERCENTAGE OF OATA VALIO - 22.3 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 77.7

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIOES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1	1	1	1	2	6	3	1	2	******
2	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	1	2	1	2	3	2	2	1	2	2
3	2	1	1	1	2	2	2	1	1	1	1	1	1	1	3	2	1	1	3	3	5	3	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	9	7	7	2
5	5	5	4	3	3	5	9	7	2	1	1	1	1	1	1	1	1	1	1	4	3	2	4	2	3
6	3	3	3	3	3	3	3	3	4	3	3	3	4	3	4	2	1	1	1	1	1	1	1	2	2
7	2	2	1	1	1	2	2	2	1	1	1	1	2	1	2	2	2	3	3	4	3	3	2	1	2
8	2	2	1	1	0	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	5	6	4	3	2
9	3	3	3	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	1	1	2
10	1	1	1	2	2	2	2	1	1	1	2	3	1	1	2	2	2	2	1	1	1	1	1	2	2
11	1	2	1	1	3	6	8	3	2	1	1	1	1	0	1	1	1	1	3	7	8	9	7	8	3
12	4	4	2	3	5	4	2	1	1	1	1	1	1	1	1	1	1	1	1	3	6	5	2	2	2
13	1	1	2	2	2	4	3	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	1
14	1	1	1	1	1	2	2	2	4	3	2	4	4	2	2	2	3	1	1	2	3	2	2	1	2
15	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1
16	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
17	1	1	2	3	2	3	4	4	5	5	5	2	3	3	4	3	3	3	3	3	4	5	3	4	3
18	5	3	2	3	2	1	2	3	3	3	3	2	2	3	3	2	2	3	2	2	1	1	1	1	2
19	2	2	1	1	0	1	1	1	2	4	3	1	1	2	1	1	1	-	1	2	2	1	2	2	2
20	2	2	3	5	4	6	9	10	4	3	1	1	2	2	2	1	2	2	2	2	2	2	3	3	3
21	4	2	6	6	6	10	12	20	11	4	4	4	5	5	3	2	-	2	3	2	3	2	3	1	5
22	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	2	1	2	4	7	5	3	2	3	2
23	2	1	1	1	1	1	1	2	0	0	0	0	0	0	1	1	1	0	3	7	15	11	8	5	3
24	3	3	3	3	4	3	4	7	2	1	1	2	1	1	1	1	1	1	3	7	9	7	7	7	3
25	7	5	4	2	3	2	3	1	2	2	4	4	4	3	2	2	3	3	2	3	3	3	3	3	3
26	5	2	4	3	4	7	3	4	1	4	5	4	2	4	6	4	3	2	2	5	9	8	8	7	4
27	4	3	4	3	8	5	8	12	4	2	3	3	2	2	3	2	2	2	5	8	11	9	8	7	5
28	5	4	7	5	6	7	9	13	11	3	2	2	2	2	2	2	2	2	2	2	3	3	5	4	4
29	5	5	4	2	2	2	2	2	3	2	2	2	1	2	2	2	2	1	2	2	5	7	5	5	3
30	3	4	2	2	2	2	3	3	2	1	1	1	1	1	1	2	2	1	1	1	3	3	4	5	2
MEAN	3	2	2	2	3	3	4	4	3	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3	2.5

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	2	1	2	1	3	1	2	2	1	1	1	1	1	5	8	8	8	7	4	3
2	3	2	3	3	2	1	2	4	3	2	4	2	2	2	2	2	2	2	2	2	3	2	1	2	2
3	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	3	5	6	5	4	2	1	2	2
4	4	2	2	2	2	2	2	4	6	5	4	-	-	-	-	-	-	-	-	3	2	2	1	2	3
5.	3	4	4	3	3	2	2	5	5	4	5	4	4	3	4	4	4	4	3	3	2	2	1	1	3
6	1	1	1	1	1	1	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1
9	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	2	2	4	4	2	2	3	2
10	3	3	3	4	5	7	6	6	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2
11	1	2	2	2	2	3	4	8	5	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	3	2	2	3	4	2	1	3	2	3	3	2	2	2
13	2	1	1	1	1	2	1	1	3	3	3	4	3	3	2	2	2	1	1	1	2	1	1	1	2
14	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	3	4	2	2
15	2	2	3	4	4	5	5	4	3	4	4	4	4	4	3	4	5	5	5	4	4	4	4	3	4
16	2	3	3	3	2	4	4	4	2	1	2	2	1	1	2	2	1	1	5	10	8	7	6	4	3
17	3	3	3	4	3	5	7	13	8	5	2	2	2	2	2	3	3	4	4	5	7	5	8	7	5
18	8	7	10	6	2	3	3	3	2	1	2	2	2	-	-	2	2	6	14	16	16	12	9	7	6
19	6	5	5	4	2	2	1	1	2	2	3	2	2	2	2	2	2	3	2	4	6	8	4	5	3
20	3	3	2	2	2	3	3	4	4	4	3	3	3	3	3	3	3	2	4	6	4	3	5	9	4
21	8	5	5	5	4	4	3	3	3	4	2	3	2	3	3	4	4	5	6	7	7	6	5	5	4
22	5	5	8	9	10	11	7	13	6	4	3	3	4	4	5	5	5	9	13	13	12	4	6	3	7
23	3	2	2	2	2	5	2	2	2	3	4	4	3	-	3	3	3	1	2	3	4	2	2	3	3
24	1	2	2	3	4	3	3	2	3	4	3	3	3	3	4	3	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	2	2	1
26	2	2	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	2	1	2
27	1	2	1	1	1	3	2	3	2	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	2	3	3	3	3	3	2	2	2	3	1	2	4	4	1	1	2
29	1	1	0	0	0	1	1	1	1	2	1	2	2	2	2	1	4	2	3	2	3	3	2	2	2
30	2	3	2	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	5	5	4	4	4	1	2
31	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
MEAN	2	2	2	2	2	3	2	3	2	2	2	2	2	2	2	2	2	2	3	4	4	3	3	3	2.6

PERCENTAGE OF DATA VALIO - 98.5 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	S	5	S	2
2	3	2	1	2	2	2	2	3	4	4	7	7	4	4	3	2	2	1	1	1	3	2	4	5	3
3	3	2	2	1	1	1	1	4	1	1	2	3	4	3	3	4	6	6	4	2	2	4	2	2	3
4	2	2	2	3	2	1	1	1	1	1	1	1	1	4	1	1	1	1	2	2	3	3	8	11	2
S	10	8	8	8	8	7	10	15	19	1	1	1	1	1	1	1	2	8	20	17	13	12	9	S	8
6	3	4	3	5	6	6	9	12	17	S	3	3	3	3	S	3	4	4	9	12	13	11	9	7	7
7	4	3	4	2	2	2	1	1	2	2	1	1	1	1	1	1	1	1	1	2	2	1	2	3	2
8	1	2	2	4	2	1	1	1	1	1	1	1	2	2	3	4	4	2	2	2	1	4	3	2	2
9	4	6	4	10	8	8	7	8	12	7	3	2	1	2	2	3	6	6	4	5	4	2	2	2	5
10	2	4	4	2	4	2	2	2	2	3	2	1	1	2	3	4	4	7	7	4	4	3	2	4	3
11	3	4	4	2	1	1	1	1	1	1	1	1	1	2	3	S	S	7	S	3	3	3	3	2	3
12	2	1	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	4	6	S	8	6	S	7	3
13	3	1	2	3	1	2	3	3	4	3	3	3	3	4	3	4	6	7	4	4	3	4	4	3	3
14	2	2	2	2	3	2	3	3	3	1	1	1	1	-	-	-	3	4	5	4	3	3	3	3	3
15	3	3	3	4	3	S	8	12	7	2	1	2	2	2	2	2	3	3	S	5	5	4	2	1	4
16	1	1	1	1	1	1	2	1	2	1	1	1	2	3	3	4	3	2	3	3	2	2	3	2	2
17	2	2	2	3	4	2	2	3	2	3	3	3	3	4	3	4	S	5	5	4	3	3	2	4	3
18	2	2	3	4	3	3	3	4	4	2	1	2	2	3	2	2	2	3	3	-	3	2	2	3	3
19	3	3	2	2	3	3	3	4	4	5	2	3	3	3	3	3	2	3	6	9	8	8	8	5	4
20	5	5	4	2	4	6	6	14	S	4	4	S	4	4	4	S	S	4	3	2	2	2	2	2	4
21	2	3	3	3	4	4	9	12	7	4	4	2	2	2	2	2	2	3	2	2	1	2	3	2	3
22	2	2	3	3	2	2	2	3	3	3	3	5	S	S	6	5	S	4	4	4	4	S	6	4	4
23	4	3	3	3	3	4	8	6	S	4	3	4	4	4	5	S	9	10	S	11	12	4	3	3	5
24	2	2	2	2	4	4	2	-	-	-	3	3	2	2	4	S	4	3	3	3	3	4	3	4	3
25	10	10	8	6	6	3	3	4	5	4	4	3	3	3	3	4	4	4	3	3	2	3	3	2	4
26	2	2	2	2	1	2	2	3	3	3	2	2	1	4	4	4	4	3	3	4	4	4	S	S	3
27	5	S	S	S	5	5	5	6	5	5	S	5	S	4	4	5	6	4	4	S	S	6	6	5	S
28	S	S	S	4	4	2	3	3	4	3	2	3	2	3	3	3	2	4	4	S	S	4	3	3	4
29	3	3	3	3	3	3	3	3	3	4	2	3	2	2	3	3	3	3	3	4	3	4	4	4	3
30	4	4	S	4	3	3	3	2	3	3	3	-	2	2	2	2	2	3	2	2	4	S	4	6	3
MEAN	3	3	3	3	3	3	4	S	S	3	2	3	2	3	3	3	4	4	4	4	4	4	4	4	3.S

PERCENTAGE OF DATA VALIO - 98.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO S8030 132 KING ST. PORT HOPE MONTH - OEC 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	3	2	4	5	4	3	3	3	4	4	4	4	S	S	4	4	3	3	3	4
2	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	2	2	2	2	3	2	2	4	4	2
3	3	2	3	3	2	3	3	3	2	3	3	4	2	3	3	3	3	3	4	3	3	2	3	2	3
4	2	2	2	3	3	2	2	3	4	4	3	4	3	1	1	1	3	3	4	3	4	4	3	4	3
5	5	S	2	2	3	2	2	2	2	2	3	3	3	3	5	S	4	S	3	3	3	3	3	4	3
6	4	3	3	3	2	3	2	4	3	3	5	5	S	S	S	4	3	3.	4	2	3	4	6	S	4
7	4	S	S	6	S	6	6	13	21	2	2	2	2	2	-	-	-	-	-	-	3	3	3	3	5
8	4	4	3	2	2	2	1	1	2	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2
9	3	2	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	4	4	4	3	2	3
10	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	3	3	3	3	2	2	3	3	5	3
11	4	5	6	S	5	4	4	4	4	4	S	4	S	5	6	7	S	4	4	3	3	3	3	3	4
12	4	5	4	4	4	4	4	4	3	3	3	3	3	3	2	2	3	3	3	3	2	2	3	1	3
13	1	2	2	2	1	1	1	3	2	2	2	3	2	2	2	2	3	3	3	2	2	2	3	3	2
14	2	3	3	3	2	2	2	3	4	4	4	2	2	1	2	2	3	3	1	1	1	3	1	1	2
1S	2	1	1	2	2	3	3	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
16	3	3	3	4	S	S	4	3	2	3	3	3	3	4	4	6	S	3	2	1	1	2	2	2	3
17	1	1	1	1	1	1	1	1	3	3	2	1	2	3	3	3	1	3	3	2	1	1	1	1	2
18	1	1	2	2	3	2	2	2	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2
19	2	3	2	3	2	1	1	1	2	3	3	3	2	2	3	3	3	2	3	3	3	3	3	3	2
20	3	3	4	3	2	3	3	3	3	3	4	S	3	3	3	3	S	6	S	2	2	1	1	1	3
21	2	1	1	1	1	1	1	10	18	19	7	3	2	2	2	2	3	9	6	9	2	2	3	4	S
22	3	3	2	1	1	1	1	1	1	1	2	3	1	2	2	2	3	3	3	3	4	4	4	4	2
23	6	5	4	4	4	4	3	3	3	3	4	3	3	3	3	3	S	4	3	4	5	6	6	5	4
24	5	6	6	6	6	6	7	6	6	4	4	3	3	4	4	4	3	3	3	3	3	3	3	3	4
25	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
26	1	1	1	1	1	2	1	1	1	1	1	2	1	1	2	2	1	2	1	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	2	2	2	1	2	1	2	2	1	1	1	1	1	1	1	1	1
28	1	1	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	2	1	1	4	4	3	1
29	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	4	4	3	3	3
30	2	2	2	2	2	2	2	1	1	1	2	1	1	1	2	2	3	3	3	3	3	3	3	3	2
31	2	1	3	2	3	4	2	4	8	5	2	1	1	2	6	3	4	4	S	7	13	8	8	7	4
MEAN	3	3	3	3	3	3	2	3	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	2.8

PERCENTAGE OF OATA VALID - 99.2 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 0.8

NOTES 1. "****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 5B030 132 KING ST, PORT HOPE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	6	2.5	3	10
SEP	29	2.5	5	20
OCT	31	2.6	7	16
NOV	30	3.5	B	20
DEC	31	2.B	5	21
YEAR	127	2.B	B	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 5B030 132 KING ST, PORT HOPE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN		DATA UNAVAILABLE						
FEB		DATA UNAVAILABLE						
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY		DATA UNAVAILABLE						
JUN		DATA UNAVAILABLE						
JUL		DATA UNAVAILABLE						
AUG	157	9	0	0	0	0	0	166
SEP	647	50	9	0	0	0	0	706
OCT	6B0	43	10	0	0	0	0	733
NOV	629	65	1B	0	0	0	0	712
DEC	702	31	4	1	0	0	0	73B
YEAR	2B15	19B	41	1	0	0	0	3055

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT MIN	10	30	50	70	90	95	9B	99	MAX	ARITH MEAN
B3.2	0	0.3	1.1	1.B	2.B	4.6	6.3	B.7	11.3	21	2.B

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	0	1	1	1	1	1	1
2	0	0	5	3	1	1	1	2	2	2	2	2	2	2	2	2	6	16	15	20	-	-	-	6	4
3	3	5	5	8	10	4	3	6	6	3	3	2	2	2	2	2	1	1	1	1	0	0	0	1	3
4	0	0	0	0	0	0	0	1	1	2	1	0	0	0	2	2	1	2	1	1	1	1	1	1	1
5	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	2	2	1	0	****	1	0
6	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	0	0	0	1
7	0	0	0	0	0	1	1	4	6	10	7	3	3	4	3	4	7	12	14	18	18	14	11	6	6
8	6	5	5	3	1	1	1	5	5	6	6	3	2	****	9	7	7	3	4	1	3	3	3	1	4
9	0	1	1	1	1	0	0	0	2	0	0	0	1	1	0	0	1	3	2	1	1	0	1	0	1
10	0	1	0	0	1	1	1	1	1	1	0	0	0	****	0	0	3	7	4	6	5	4	****	4	2
11	1	4	4	4	12	6	11	13	17	17	20	16	9	9	8	7	12	19	-	-	-	29	19	14	12
12	12	12	9	6	3	3	3	4	6	6	5	2	6	6	5	5	5	5	-	-	4	4	3	3	5
13	4	3	2	2	1	1	1	1	2	-	2	2	2	2	2	2	1	1	1	1	1	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	5	6	0	0	0	0	1
15	0	0	0	0	0	0	2	7	9	6	3	2	2	2	2	4	2	1	0	0	1	2	0	1	2
16	0	1	1	1	1	1	1	1	4	9	5	3	3	3	3	2	8	17	26	26	26	24	21	23	9
17	19	12	8	3	2	2	2	3	2	2	2	2	2	3	0	12	****	****	****	****	****	****	****	****	5
18	10	6	5	4	9	5	4	4	5	5	-	-	5	5	5	5	7	12	9	9	13	14	15	15	8
19	18	14	14	14	15	12	12	11	12	13	11	2	-	0	0	0	0	****	****	****	****	****	****	****	9
20													- DATA INVALID -												
21													- DATA INVALID -												
22	****	****	****	****	****	-	****	****	0	0	0	****	****	0	****	****	****	****	****	****	****	****	****	****	******
23	****	****	****	****	****	****	****	****	****	****	4	4	5	5	5	6	7	7	7	6	4	4	6	5	******
24	2	2	2	2	2	2	2	2	-	-	3	2	4	6	3	3	3	3	2	2	2	2	3	1	3
25	1	2	2	2	1	2	1	2	2	3	2	8	2	2	2	2	2	2	2	2	2	2	5	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	1	0
31	1	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	3	3	2	2	2	2	2	3	3	3	4	2	2	2	2	3	3	5	4	4	4	4	4	3	2.9

PERCENTAGE OF DATA VALID - 84.9 PERCENTAGE OF DATA INVALID - 12.9 PERCENTAGE OF DATA UNAVAILABLE - 2.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3													- DATA INVALID -												
4													- DATA INVALID -												
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	-	2	0	0	2	0	0	2	******
6	3	1	1	4	5	3	2	3	8	6	3	2	1	1	2	2	2	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	0	2	1	0	****	****	****	3	2	1	1	1	1	1	1	1
8	0	0	0	0	0	0	2	0	****	28	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
9	0	0	0	0	0	1	1	2	1	0	0	0	2	2	3	2	4	7	7	8	13	15	9	18	4
10	15	7	3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
11	1	1	2	2	1	1	2	2	3	5	4	4	3	2	2	2	3	2	1	1	3	2	3	3	2
12	2	3	5	5	5	4	3	2	0	0	0	26	0	0	0	0	1	1	1	1	1	1	1	1	3
13	1	0	0	0	0	0	0	1	1	1	0	1	0	2	2	2	3	4	****	9	7	7	9	12	3
14	15	8	5	4	3	1	1	2	4	3	3	2	2	6	7	2	2	2	2	2	2	2	2	2	4
15	2	2	2	1	1	0	0	2	2	1	0	1	0	1	0	0	0	0	-	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	0	0	0	1	0	0	0	0	0	1	1	1	-	1	1	1	2	2	2	2	3	4	5	1
18	5	4	8	10	13	13	14	12	6	7	5	3	2	2	2	2	2	4	5	8	-	8	5	****	6
19	****	10	****	12	9	9	9	8	12	10	10	7	3	2	5	2	2	2	1	1	1	1	2	1	5
20	1	1	1	0	1	1	2	3	4	2	2	2	2	2	1	1	1	1	1	1	1	3	4	6	2
21	4	3	1	1	1	1	1	2	3	9	12	2	2	3	4	4	5	5	3	1	1	1	1	1	3
22	0	2	3	0	0	0	0	0	1	1	1	1	0	1	1	1	1	3	9	8	2	2	1	1	2
23	0	0	0	0	0	0	0	0	0	0	1	1	1	****	3	1	1	3	3	1	1	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	****	1	1	1	1	1	1	1
27	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	4	3	3	0	1	1	1	1	1
28	0	0	0	0	0	0	1	2	2	1	1	1	1	1	27	49	6	2	1	0	0	0	0	0	4
MEAN	2	2	1	2	2	1	2	2	2	3	2	2	1	1	3	3	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 86.2 PERCENTAGE OF DATA INVALID - 13.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	****	0	0	0	1	1	0	1	15	2	1	1	1	1	1	1	0	0	1	1	1	1
2	0	0	0	0	0	0	0	1	1	2	2	3	****	19	2	4	3	-	****	1	1	1	1	3	2
3	1	1	0	0	1	1	1	2	1	3	3	4	4	4	4	5	5	8	7	6	6	4	4	5	3
4	4	3	3	3	3	3	2	1	1	2	1	2	3	2	2	2	2	2	2	3	3	5	1	1	2
5	0	0	1	1	1	1	1	1	2	2	1	15	1	1	1	2	2	1	1	1	1	1	1	1	2
6	1	0	1	1	1	1	2	4	5	4	3	2	2	1	1	1	2	2	1	1	1	1	1	1	2
7	-	****	1	1	0	0	1	1	1	1	0	15	1	1	0	1	2	2	1	1	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	1	1	1	1	1
9	1	1	1	1	0	0	1	2	4	3	3	3	2	2	1	3	3	3	3	3	3	3	3	2	2
10	2	2	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	2	1	0	1	0	0	-	1	0
13	0	0	1	1	1	1	1	1	2	2	2	1	1	1	2	2	3	4	4	6	7	7	4	3	2
14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0
16	0	0	0	0	0	-	0	1	0	0	0	0	1	7	1	0	1	1	1	1	3	4	3	2	1
17	3	6	7	3	2	2	3	4	3	3	3	1	1	1	3	3	4	2	3	4	6	5	2	3	3
18	10	12	10	6	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	6	7	9	5	5	4
19	6	2	****	1	1	1	2	3	3	2	1	1	2	1	1	2	2	3	3	6	4	12	8	4	3
20	3	2	3	4	2	2	3	5	6	5	3	3	2	1	0	0	1	-	****	14	6	****	3	10	4
21	9	7	8	4	3	7	9	11	9	7	5	4	4	3	2	2	3	3	4	4	4	2	1	1	5
22	1	1	1	1	1	1	2	3	2	2	0	0	0	0	1	0	2	2	8	5	3	3	4	12	2
23	14	17	9	6	2	2	2	5	5	4	5	****	7	3	3	5	5	6	6	7	6	9	9	9	6
24	8	6	2	2	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	5	0	0	0	0	0	0	0	1	0	0	15	16	0	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
28	****	1	****	****	****	****	****	****	****	2	0	8	1	1	0	1	2	2	2	2	2	2	2	1	2
29	1	2	2	1	2	1	1	4	3	2	1	1	0	0	1	1	1	1	2	1	1	1	****	0	1
30	0	1	1	0	0	0	0	1	3	3	4	-	6	8	7	6	5	7	3	2	2	2	2	2	3
31	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
MEAN	2	2	2	1	1	1	1	2	2	2	1	3	1	2	2	1	2	2	2	3	2	3	2	2	1.9

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	1	0
2	0	0	0	0	0	0	0	1	1	2	2	****	2	2	2	3	2	6	5	2	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
4	2	1	1	0	1	3	4	5	4	3	2	2	2	2	2	2	2	2	1	0	1	1	0	0	2
5	0	0	0	0	0	****	0	0	-	-	0	0	0	0	0	0	1	1	1	2	1	1	1	1	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
8	1	2	2	2	1	1	1	0	0	3	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
11	1	1	1	1	1	3	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1
12	0	0	0	0	0	0	0	1	1	1	1	14	1	3	3	5	5	4	4	4	3	4	4	3	3
13	2	2	1	0	0	0	0	0	0	0	0	1	3	3	2	3	1	1	2	2	2	3	1	2	1
14	1	1	1	0	1	1	1	2	2	4	3	2	2	2	2	2	2	3	3	3	4	5	4	1	2
15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	****	0	0	****	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	****	-	-	0	0	0	0	1	1	1	1	1	1	0
19	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	2	6	10	5	10	7	2
20	4	4	2	1	1	1	1	4	5	2	1	4	0	0	0	0	0	0	1	1	1	1	2	1	2
21	1	2	7	6	4	2	1	2	1	1	1	2	1	1	3	2	1	1	2	1	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0
24	1	4	3	0	0	1	1	1	1	0	1	0	0	1	1	1	1	1	1	2	4	3	4	4	2
25	3	2	2	2	1	****	1	3	4	2	1	1	1	1	3	2	1	1	1	1	1	1	0	0	2
26	0	0	0	0	0	0	0	1	1	2	1	0	1	2	1	1	2	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
30	0	0	0	0	0	0	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3	3	1	0	1	0
2	0	0	0	0	0	3	4	2	1	1	0	0	0	0	0	1	0	0	0	0	0	2	1	1	1
3	0	0	0	0	0	0	1	3	2	2	3	2	3	2	51	38	1	1	1	1	0	1	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	0	0	0	0	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	2	3	6	4	3	2	0	1	0	0	0	1	1	1	1	1	1	1	2	2	3	2	2	2
7	0	0	0	0	0	0	2	3	2	2	11	1	1	1	1	1	1	1	1	1	2	1	1	0	1
8	0	0	0	0	1	1	3	3	2	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	0	0	0	2	2	1	1	1	1	0	0	2	2	2	2	2	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0
11	0	0	0	0	0	0	2	3	4	4	2	2	1	1	1	1	1	1	1	3	1	1	1	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	1	2	0	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1
15	0	0	0	0	0	0	3	2	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	-	0	1	****	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
18	0	0	0	0	0	1	1	1	1	1	1	1	1	****	1	1	1	1	1	0	0	2	1	1	1
19	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	1
20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0
21	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
22	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	****	0
23	0	0	0	1	1	2	1	1	1	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
25	0	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	1	1	0
27	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
29	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	2	2	1	0
30	1	1	1	1	1	1	2	2	1	0	0	0	0	1	2	2	2	1	2	3	1	1	1	0	1
31	0	1	0	0	2	3	3	4	3	1	0	0	1	0	0	0	1	0	0	0	1	1	4	13	2
MEAN	0	0	0	0	0	1	1	1	1	1	1	0	0	0	2	2	0	0	0	1	1	1	1	1	0.6

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	8	5	4	3	2	3	2	1	0	0	****	-	-	1	1	1	1	1	0	0	1	1	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
4	0	0	0	0	1	1	1	1	1	1	0	0	0	4	2	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	2	5	6	3	2
6	1	1	1	1	1	1	2	3	2	1	1	1	1	1	2	45	****	****	****	****	****	****	****	****	4
7	****	****	****	****	****	****	****	****	****	31	5	1	3	0	0	1	1	0	0	0	0	0	0	0	******
8	0	0	0	0	0	0	1	2	1	4	1	1	1	0	0	1	1	0	0	1	****	1	1	0	1
9	****	****	0	0	0	0	0	0	****	0	****	2	2	2	****	1	****	****	****	****	****	****	****	****	******
10	****	****	****	****	****	****	****	****	****	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	******
11	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	-	-	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	****	0	****	****	0	0	0	0	****	3	2	0	0	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	1	1	1	0	****	****	0	0	0	1	0	0	1	1	1	1	1	1	0
16	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	****	****	1	****	0
17	1	0	0	0	0	0	0	1	0	****	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	****	****	****	0	0	0	****	****	****	0	****	1	1	1	2	3	3	2	5	5	11	7	2
19	17	12	19	14	12	8	13	11	2	1	0	0	0	0	0	1	1	0	0	0	1	5	7	4	5
20	3	0	0	0	1	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0	1
21	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1	1
22	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	****	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	0
25	2	1	2	1	1	2	1	2	1	0	0	0	0	0	0	0	-	0	0	1	0	0	1	1	1
26	1	0	0	0	0	0	0	1	1	0	0	0	0	0	****	1	1	1	4	7	6	5	2	0	1
27	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
28	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
29	0	1	3	3	1	1	2	1	1	0	0	0	0	0	0	2	2	2	1	2	2	2	1	-	1
30	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	1	0	1	1	1	1	2	1	0.9

PERCENTAGE OF DATA VALID - 90.0 PERCENTAGE OF DATA INVALID - 8.8 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	2	0
6	2	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1
7	1	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
9	0	0	0	0	1	3	3	6	5	1	0	0	0	1	0	0	0	0	1	0	1	1	1	0	1
10	1	1	0	0	0	1	3	4	4	2	1	-	0	1	1	1	1	1	1	1	1	1	1	1	1
11	0	1	0	1	0	1	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	****	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	****	0	0	0	0	0	****	****	0	0	0	0	****	0	0	0	0	0	0	0	0
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
17	0	0	0	0	****	1	1	-	1	1	1	0	0	1	1	1	0	1	1	2	2	4	1	2	1
18	1	0	0	2	2	2	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	2	1	1	1
20	0	0	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1
21	****	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
23	****	0	0	0	0	1	2	2	2	1	1	0	0	0	0	0	1	****	****	1	1	1	1	1	1
24	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
25	0	0	0	0	0	1	2	2	1	0	2	2	0	1	1	2	1	0	0	0	0	0	0	0	1
26	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
27	2	1	0	0	3	3	3	3	2	1	1	1	0	-	0	0	0	1	1	2	2	2	2	2	1
28	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
30	0	0	0	0	0	0	4	6	2	2	0	0	1	1	0	2	1	1	1	1	1	1	0	1	1
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0.4

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	1	1	3	1	1
2	1	1	0	0	0	0	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0
9	2	0	0	0	1	2	7	4	1	1	0	0	0	****	****	2	1	1	2	2	1	0	1	0	1
10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	4	6	5	1
12	3	7	7	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
13	0	0	0	0	0	2	3	5	0	0	0	0	0	0	0	2	2	0	0	0	1	0	0	0	1
14	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
16	0	1	1	1	2	3	4	3	1	1	1	1	1	1	1	1	1	1	1	1	0	0	2	2	1
17	0	0	0	0	1	2	4	2	1	1	0	0	0	2	3	1	1	1	1	2	1	1	1	1	1
18	1	0	0	0	0	0	1	1	1	2	2	2	1	1	1	1	0	0	0	0	0	0	1	0	1
19	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	0	2	2	0
20	1	2	1	1	3	3	7	9	7	3	4	2	2	-	5	3	1	1	1	2	4	4	3	5	3
21	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	2	2	4	4	6	10	8	2
22	8	3	1	1	1	2	5	6	2	2	1	1	0	0	0	2	2	2	1	5	4	3	3	2	2
23	1	0	1	0	0	2	2	2	2	2	2	2	3	2	3	4	3	2	2	4	2	2	2	0	2
24	1	0	1	0	1	1	2	2	2	2	1	0	0	0	0	1	0	0	1	1	1	1	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	0	0
27	0	0	1	0	1	2	10	13	3	2	0	0	1	1	1	1	1	1	0	0	0	1	1	1	2
28	0	0	0	0	0	1	2	1	3	2	2	2	0	2	2	2	2	2	2	1	1	1	3	1	1
29	1	0	0	0	0	0	2	3	1	-	1	2	2	2	0	0	1	0	0	1	0	0	0	0	1
30	3	1	3	3	3	3	3	5	2	5	4	3	0	0	0	0	0	0	0	0	0	0	0	0	2
31	0	0	0	1	0	0	3	2	-	1	1	1	0	0	0	1	0	1	2	2	0	0	1	2	1
MEAN	1	1	1	0	1	1	2	2	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	-	-	-	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	0
6	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	1	1	1	1	1	-	-	-	0
12	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0
20	1	0	0	0	0	1	3	4	2	1	1	1	1	1	1	1	1	1	1	2	4	3	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	11	8	14	2
23	12	6	5	3	3	4	3	3	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2
24	1	1	0	2	2	2	5	5	2	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1
25	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	2	0
27	2	2	1	1	1	1	6	7	2	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
28	0	0	0	0	0	1	4	3	1	1	1	0	1	0	0	1	1	1	1	1	1	1	0	1	1
29	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	3	1	1	0	1	0
30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 97.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.9

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	2	0	1	2	2	2	2	0	1	0	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3	6	3	2	1	1	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	3	4	4	1	0	0	1
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	3	3	3	3	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
8	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	2	1	1
9	1	1	1	1	1	1	0	1	0	0	-	-	0	0	0	0	0	0	1	3	3	2	2	2	1
10	2	2	-	1	1	-	4	6	3	1	1	1	1	1	2	2	2	2	2	2	2	1	2	0	2
11	0	0	0	0	0	1	0	2	2	2	1	2	2	1	-	2	2	2	2	2	1	1	1	1	1
12	0	0	0	0	0	0	1	2	0	2	2	0	0	0	0	0	0	0	1	1	1	1	1	1	1
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	-	0	-	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
16	1	1	2	2	1	1	3	19	6	2	1	-	0	0	0	0	0	1	1	1	1	1	3	4	2
17	2	1	2	1	3	2	9	-	-	5	3	2	0	0	0	0	0	0	0	0	2	2	2	5	2
18	7	3	4	2	3	4	5	11	14	18	6	1	0	1	0	-	-	-	-	-	-	-	-	-	******
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	******
26	0	0	0	0	0	0	0	0	10	0	0	-	0	-	0	1	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	1	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1
28	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	1	1	0
30	0	0	0	0	0	0	1	2	4	2	2	2	2	2	1	3	5	4	1	1	1	1	1	1	2
31	0	1	0	0	0	0	1	3	4	2	2	8	2	3	3	3	6	10	8	8	2	3	5	5	3
MEAN	1	1	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 75.5 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 24.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	3	3	3	2	2	4	3	2	2	2	3	2	2	2	2	2	1	0	0	0	0	2
2	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0
3	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
5	1	0	1	1	0	4	4	7	5	6	5	1	2	0	1	1	3	2	2	3	4	4	5	6	3
6	6	3	1	1	0	0	2	3	3	2	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	2	2	1	1	1	1	2	1	1
8	0	1	1	1	0	-	-	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	1	5	5	2	1	2	2	1	2	2	2	2	1	-	1	1	1	1	1
10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
11	0	0	-	0	0	0	0	0	0	0	0	0	-	0	0	0	0	3	4	5	6	10	10	9	2
12	13	12	10	-	10	6	4	4	5	6	4	3	2	1	1	1	1	4	1	1	1	1	1	0	4
13	0	0	0	0	0	0	1	1	2	2	2	12	2	2	2	2	3	2	2	1	1	1	1	1	2
14	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	2	2	5	4	4	2	4	2	1
15	1	1	1	1	3	2	2	5	10	7	7	4	2	0	0	0	0	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	2	2	2	0	0	1	1	0	0	2	2	3	2	3	3	1
18	3	4	6	5	1	0	0	0	0	0	0	0	1	0	1	1	2	3	2	2	2	2	2	2	2
19	0	0	0	0	0	0	0	2	5	4	3	4	5	2	3	3	6	5	5	6	5	6	3	3	3
20	2	1	1	1	1	1	0	2	2	2	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1
21	0	0	0	0	0	0	2	3	5	2	0	-	18	2	2	2	2	-	-	1	1	0	1	0	2
22	0	0	0	-	0	0	0	1	2	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
23	0	0	0	0	0	1	-	7	6	5	7	11	9	3	2	2	2	1	1	1	1	-	1	1	3
24	2	-	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	-	3	5	1
25	8	5	3	2	1	1	1	5	3	2	2	2	2	2	2	2	3	2	2	2	2	2	1	1	2
26	0	0	0	0	0	0	0	2	4	4	3	2	0	0	1	1	1	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
28	1	1	0	3	4	4	0	3	1	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0
30	0	0	0	0	0	0	C	1	1	0	0	14	0	0	0	0	0	0	0	0	0	0	0	1	1
MEAN	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	-	1	1	1	1	1	1	1	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	-	1	1	1	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0
5	1	1	1	0	0	0	1	1	1	-	2	2	1	1	1	2	2	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	2	0	0	1	1	1	0
7	1	1	0	0	0	0	1	5	6	4	3	3	3	2	2	2	2	2	0	0	0	0	0	0	2
8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	1	0	0	1	1	0
9	1	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
10	6	4	1	1	0	1	1	2	2	2	2	2	2	2	0	2	3	3	2	2	2	2	3	4	2
11	5	6	3	2	1	1	3	3	6	6	5	S	S	5	5	S	7	6	3	3	2	2	2	1	4
12	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0
13	1	0	0	0	0	0	0	1	1	1	0	1	0	2	2	2	2	4	3	3	2	3	3	3	1
14	3	3	1	1	1	1	1	3	2	2	2	0	0	-	0	0	1	2	5	9	5	2	2	7	2
15	12	12	6	2	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2
16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
17	1	0	0	1	1	0	1	3	4	2	5	2	1	2	2	1	1	1	1	2	1	0	0	0	1
18	0	0	0	0	0	0	0	2	5	1	0	0	0	2	2	2	3	3	2	1	1	1	1	1	1
19	1	0	0	0	0	0	1	1	2	2	2	2	1	1	2	2	5	5	6	7	4	2	3	3	2
20	2	3	3	1	1	1	2	3	4	3	3	3	4	S	4	5	7	8	7	8	6	6	5	4	4
21	3	2	3	2	2	3	6	7	7	6	3	7	6	7	8	9	9	7	5	5	4	6	7	5	5
22	4	5	3	3	1	3	3	3	4	5	6	6	7	8	9	8	10	11	10	7	8	5	3	S	6
23	4	7	6	4	3	2	3	3	4	4	S	4	4	4	7	S	3	3	3	2	2	2	2	2	4
24	2	2	1	0	0	0	0	1	1	0	2	2	2	2	2	1	1	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0
29	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	2	1	1	2	4	1
31	2	2	1	0	0	0	1	2	3	-	-	-	-	-	10	2	11	14	5	2	1	1	0	-	3
MEAN	2	2	1	1	0	0	1	1	2	1	1	2	1	2	2	2	2	3	2	2	1	1	1	2	1.S

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	2.9	12	29
FEB	24	1.9	6	49
MAR	31	1.9	6	19
APR	30	0.7	3	14
MAY	31	0.6	5	51
JUN	27	0.9	5	45
JUL	30	0.4	1	6
AUG	31	0.8	3	13
SEP	29	0.4	2	14
OCT	23	1.0	3	19
NOV	30	1.3	4	18
DEC	31	1.5	6	14
YEAR	344	1.2	12	51

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITROGEN OXIDES - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	530	52	42	8	0	0	0	632
FEB	529	33	13	3	0	1	0	579
MAR	656	49	13	0	0	0	0	718
APR	699	7	1	0	0	0	0	707
MAY	731	1	2	0	1	0	1	736
JUN	630	8	8	0	1	1	0	648
JUL	707	2	0	0	0	0	0	709
AUG	723	13	1	0	0	0	0	737
SEP	691	5	3	0	0	0	0	699
OCT	546	12	4	0	0	0	0	562
NOV	673	24	6	0	0	0	0	703
DEC	680	45	6	0	0	0	0	731
YEAR	7795	251	99	11	2	2	1	8161

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
93.2	0	0.0	0.0	0.0	0.7	2.6	4.7	8.3	11.8	51	1.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	6	5	2	1	1	1	1	1	1	1	2	1	1	1	2	2	1	1	1	1	1	1	1	2
2	1	0	0	0	0	0	1	2	4	5	7	5	2	2	1	2	2	2	1	1	3	3	3	3	2
3	3	2	1	2	2	2	3	4	7	6	5	7	6	4	2	4	5	5	6	6	2	3	2	1	4
4	2	1	1	1	2	3	2	3	5	5	5	5	3	3	3	3	4	4	4	4	4	5	6	6	4
5	5	3	3	2	3	3	4	7	10	9	7	5	7	7	8	6	9	****	9	7	5	5	5	5	6
6	4	5	5	5	5	9	10	9	7	6	3	3	8	6	4	3	1	2	4	5	4	3	6	7	5
7	8	8	8	10	7	5	4	8	9	10	17	5	4	6	7	7	6	4	3	3	1	0	1	1	6
8	1	1	1	0	0	0	0	1	2	3	3	3	2	3	3	3	4	4	4	2	2	4	5	6	2
9	5	6	6	7	5	4	5	7	6	4	4	3	4	8	8	7	7	5	5	7	8	7	8	8	6
10	7	7	7	8	8	7	8	8	9	****	8	3	2	2	2	2	3	3	3	4	5	6	9	10	6
11	15	14	15	16	16	14	15	24	30	30	27	8	6	3	2	1	2	3	4	8	5	4	4	3	11
12	2	1	1	2	4	4	5	5	6	****	6	4	3	3	3	3	6	5	6	5	7	7	8	8	5
13	5	5	3	3	3	3	4	4	4	4	4	4	4	4	4	5	7	7	5	6	7	7	6	9	5
14	13	17	9	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
15	1	3	4	4	4	5	6	6	7	10	10	11	8	8	9	11	10	3	3	5	6	6	2	1	6
16	3	5	10	9	8	5	5	7	9	9	8	8	5	6	6	5	5	7	9	11	14	12	11	9	8
17	5	4	4	4	6	7	5	4	4	6	8	8	7	3	2	2	2	2	2	1	1	1	0	1	4
18	1	1	1	1	1	1	1	5	10	6	3	2	4	3	3	3	3	4	4	4	4	7	5	4	3
19	2	1	1	0	0	1	2	3	5	****	3	4	4	4	4	4	4	3	2	2	3	4	7	8	3
20	7	5	4	4	4	4	4	4	5	6	7	7	7	8	8	9	7	6	6	4	4	3	3	4	5
21	5	6	7	7	5	4	3	2	3	3	3	3	2	2	4	2	3	3	1	3	2	1	1	1	3
22	1	1	1	1	1	1	1	2	4	2	2	****	2	2	1	2	3	3	5	2	3	2	1	1	2
23	2	3	1	1	0	1	1	2	3	****	1	1	2	2	2	2	4	5	5	6	3	4	5	5	3
24	5	3	2	1	1	1	1	1	2	2	2	2	3	3	5	8	11	17	14	11	8	5	2	1	5
25	1	1	1	1	1	1	1	****	2	2	1	2	2	2	2	2	3	2	1	1	1	1	1	2	1
26	1	1	1	1	1	1	2	4	5	4	5	5	5	5	5	4	6	8	7	4	2	1	2	3	3
27	3	4	5	5	4	3	4	8	10	8	7	5	3	1	1	1	3	4	2	2	3	3	4	2	4
28	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	0	1
29	1	1	1	1	0	0	1	1	1	****	1	1	1	1	1	2	3	2	2	2	2	2	1	1	1
30	1	1	1	1	1	1	1	2	3	1	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
31	1	1	1	1	1	1	3	6	7	8	7	4	3	3	2	2	3	2	2	1	1	1	1	1	3
MEAN	4	4	4	3	3	3	3	5	6	6	5	4	4	4	3	4	4	4	4	4	4	4	4	4	4.0

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	2	2	2	2	3	3	2
2	3	2	1	1	1	3	7	12	18	17	17	****	6	3	4	5	3	2	3	4	4	6	6	9	6
3	8	12	11	7	4	2	2	4	5	5	3	2	2	1	1	1	1	1	2	1	1	2	3	6	4
4	4	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	3	4	8	3	2	2	2	2	1	****	2	2	3	2	5	3	4	4	3
6	6	4	1	2	2	3	5	6	6	4	2	1	1	1	2	1	2	2	3	3	2	3	2	1	3
7	2	2	2	2	2	3	5	10	14	6	6	12	12	7	5	6	4	2	1	1	1	1	1	1	5
8	1	1	1	1	3	4	5	7	8	3	1	1	2	1	2	2	2	2	2	2	1	1	1	1	2
9	1	1	1	1	1	1	2	4	****	14	14	11	7	4	3	3	3	3	5	6	5	4	3	2	4
10	2	3	3	4	5	6	5	4	2	1	1	1	1	1	1	2	1	2	2	3	2	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1
13	1	2	1	1	1	1	2	2	3	3	4	3	2	2	4	2	1	1	2	1	1	2	1	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
15	1	2	1	2	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	4	6	4	2	****	****	2	1	2	2	2	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	2	5	10	19	23	18	13	8	6	7	4	2	1	1	3	1	2	3	2	2	6
20	2	1	1	1	1	2	4	6	5	4	4	4	3	2	****	****	****	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	0	****	****	5	4	3	3	3	4	2	1	1	1	1	1	2
22	0	0	0	1	0	1	1	2	3	2	4	1	1	1	1	1	1	1	1	0	0	0	0	0	1
23	0	0	0	0	0	1	2	4	5	3	3	5	****	****	6	8	9	10	10	9	9	7	4	1	4
24	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
25	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
26	0	0	0	0	1	1	1	3	4	4	2	4	3	2	2	2	3	2	2	1	1	1	1	1	2
27	1	1	0	0	0	1	1	6	8	8	9	6	4	2	2	3	4	3	3	8	13	22	55	56	9
28	65	55	40	25	13	13	12	14	23	28	7	2	1	1	1	1	1	1	1	1	1	1	1	1	13
MEAN	4	4	3	2	2	2	3	4	6	5	4	3	3	2	2	2	2	2	2	2	2	2	4	4	2.9

PERCENTAGE OF OATA VALID - 98.2 PERCENTAGE OF DATA INVALIO - 1.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2 "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	5	8	6	7	9	11	14	15	20	****	9	4	4	3	2	2	2	6
2	2	1	2	1	1	2	3	6	7	4	4	3	2	1	1	2	3	3	3	3	4	2	1	1	3
3	2	3	1	1	2	2	3	4	5	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	2
4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	3	1	2	1
5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	1	1	0	0	0	1	1	2	4	1	1	1	1	2	1	1	2	3	3	2	6	5	7	2
7	2	1	2	2	3	3	6	8	13	6	3	2	2	4	3	2	1	4	3	2	1	1	1	1	3
8	0	0	0	0	0	1	2	4	****	3	1	1	1	1	1	0	0	1	1	2	1	2	3	1	1
9	1	1	1	1	1	2	2	4	7	3	2	1	1	1	3	3	3	1	1	2	5	4	5	5	3
10	5	2	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	0	0	0	0	0	1	3	5	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1
13	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
15	0	0	0	0	0	0	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	3	3	4	4	7	6	8	6	4	2	1	1	1	1	1	1	2	3	4	4	5	7	3
17	7	6	6	5	3	4	5	12	6	3	1	1	1	1	1	1	1	1	1	2	2	1	1	2	3
18	1	1	1	0	0	0	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
19	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	3	3	3	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	3	****	****	2	2	2	2	3	5	4	1	9	8	6	4	4	3
21	10	10	4	2	3	1	1	2	3	2	3	1	1	1	1	2	1	1	1	1	1	6	6	2	3
22	4	5	5	3	1	2	6	12	6	2	1	2	1	1	1	1	2	1	2	3	0	0	0	0	3
23	0	0	0	0	0	0	2	1	1	****	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0
24	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	2	1
25	2	2	2	3	2	2	1	2	2	2	1	1	1	1	2	3	2	3	2	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	1	1	3	4	****	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
28	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1
29	1	2	1	2	3	1	2	3	5	6	2	2	4	7	4	5	8	3	5	12	1	1	1	1	3
30	1	2	1	1	1	1	1	1	2	1	****	****	1	1	1	1	1	1	2	1	1	1	1	1	1
31	3	4	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1.8

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	7	8	5	3	5	7	1	1	1	2	2	1	1	0	1	1	2
3	1	1	1	1	1	1	2	4	4	****	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1
4	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	4	5	3	1	1	2	1	1	1	1
5	1	1	1	1	1	1	1	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	1
10	8	5	4	4	5	6	5	10	6	4	3	2	2	1	1	1	1	1	1	1	1	2	1	1	3
11	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	0	-	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	2	3	4	4	4	2	1	1	1	1	1	1	1	2	2
13	1	1	1	1	1	1	1	2	4	1	4	12	8	4	4	3	4	5	6	4	3	2	1	1	3
14	1	1	1	3	2	1	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	2	2	1	2	1
17	4	11	16	11	10	2	8	10	5	4	1	1	1	1	1	1	1	1	1	3	1	3	2	3	4
18	3	8	27	25	17	10	10	6	7	3	1	0	1	1	1	1	1	1	1	****	1	1	2	3	6
19	7	4	1	1	1	1	12	8	11	3	1	1	1	1	1	1	1	1	1	1	1	4	5	5	3
20	4	4	9	16	7	5	10	10	2	1	1	1	****	0	1	1	1	1	1	1	1	1	1	1	3
21	1	4	4	1	2	5	2	4	4	2	1	2	2	2	4	6	3	2	3	3	6	8	12	4	4
22	2	2	1	1	0	0	1	1	0	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
23	2	1	3	3	2	2	5	7	5	5	5	1	0	0	0	0	0	0	0	0	2	0	-	0	2
24	1	1	1	1	1	2	5	2	5	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	1
25	0	1	1	1	1	1	3	5	6	2	6	3	2	1	0	1	1	0	0	2	2	1	2	2	2
26	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	3	3	3	3	2	1	2	-	1
27	2	2	1	1	1	1	1	1	2	****	4	4	3	3	4	3	3	4	5	3	2	2	2	-	2
28	3	2	2	2	1	1	1	1	1	2	2	2	2	2	3	2	2	2	3	3	3	2	2	3	2
29	3	5	6	5	4	3	3	3	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
30	0	0	1	1	1	1	1	3	3	2	3	3	4	4	4	4	3	2	2	2	2	2	2	2	2
MEAN	2	2	3	3	2	2	3	3	3	2	2	2	2	2	1	2	1	1	1	1	1	1	2	2	2.0

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	4	6	7	6	4	3	2	2	2	2	1	1	1	1	1	1	2	2	3
2	1	1	1	1	1	1	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	2	1	2	1	****	2	2	2	1	1	1	1	2	1	1	1
4	1	1	2	1	2	2	3	3	4	5	5	5	5	5	5	5	5	3	3	3	4	5	6	7	4
5	7	5	4	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
6	0	0	1	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
8	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
9	0	1	1	1	3	6	6	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	4	5	6	3	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2
11	0	1	1	1	1	1	3	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	1	1	0	1	1	1	2	2	2	2	2	1	1	2	3	1	1	3	3	2	2	5	3	2
13	3	3	3	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	0	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	3	4	3	1
15	4	0	1	1	1	3	6	7	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
16	0	0	0	1	4	14	2[illegible]	9	3	1	1	1	0	0	1	1	1	0	0	0	1	1	1	1	3
17	0	0	0	1	1	6	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	3	5	4	****	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0
20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0
21	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	3	2	0	1	1	0
22	1	1	0	0	2	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	3	3	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	2	4	2	1	1	2	2	1	1	****	1	1	1	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	1	1	1	2	2	1	1	3	3	2	2	3	10	13	7	4	2
27	5	3	2	5	2	1	3	4	3	2	1	1	0	0	0	1	0	0	0	2	5	12	18	13	3
28	6	5	1	2	4	3	1	3	2	2	0	0	0	0	0	3	3	1	0	1	1	7	9	10	3
29	9	7	9	9	6	8	13	14	7	2	1	1	1	1	1	1	1	0	1	1	1	1	1	2	4
30	1	0	0	0	0	4	9	6	2	1	2	1	1	2	2	2	2	1	1	1	1	0	0	0	2
31	0	0	0	0	0	0	0	1	1	1	1	****	1	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	4	7	9	16	11	2	0	0	0	0	0	0	0	0	0	0	1	1	2
2	1	1	2	1	3	4	4	4	2	1	0	0	1	1	1	0	0	0	0	0	0	0	1	2	1
3	5	4	3	1	1	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	5	13	6	2
4	7	6	8	6	4	5	6	6	4	4	2	1	0	0	0	0	0	0	0	0	0	1	4	3	3
5	3	0	0	1	0	2	6	13	6	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2
6	1	1	1	1	0	1	1	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	2	1	2	1	2	2	2	3	****	1	1	0	0	0	1	1	1	1	1	1	1	1
9	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	3	4	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	2	1
12	5	6	10	13	19	26	26	17	8	3	0	0	0	0	0	0	0	0	0	0	1	5	5	3	6
13	1	1	1	1	1	5	6	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
19	2	2	1	1	2	5	9	6	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	1	2	6	1
22	10	8	5	5	3	3	4	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2
23	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1
24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0
25	0	0	0	0	0	2	8	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	5	9	2
26	5	1	0	1	0	0	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	1	1	0	1	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
28	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	2	0	0	1	1	1	1	1	0	0	0	1	1	1	3	5	1
30	5	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	2	1	2	3	1
MEAN	2	1	1	1	1	2	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	1.0

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	2	3	2	1	1	1	1	1
2	0	0	0	0	0	1	2	3	3	3	3	1	2	1	1	0	0	0	0	1	3	15	20	28	4
3	20	10	4	4	9	11	14	14	7	4	4	2	4	4	4	4	2	1	0	1	1	1	2	1	5
4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0
5	0	0	0	0	0	1	4	4	2	1	0	1	0	0	0	0	0	0	0	0	1	2	7	5	1
6	6	4	7	8	8	11	12	8	1	2	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3
7	4	7	8	6	5	5	11	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
8	1	1	1	5	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	3	0	1	2	2	3	1	2	1	1
10	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	1	2	3	3	3	1	0	0	0	0	0	1	1	1	3	6	4	3	****	9	8	2
12	6	4	0	6	7	9	20	15	19	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	8	1
14	11	11	11	12	11	10	8	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	4
15	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	3	1
16	0	0	0	0	0	2	6	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	1	4	5	2	1	1	1	0	0	0	0	0	0	0	0	1	2	2	1	1
18	1	1	1	1	2	4	7	7	2	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	1	3	8	13	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	1	4	9	13	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
21	0	0	0	4	7	9	10	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1
26	0	0	0	0	1	4	4	****	****	2	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1
27	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
30	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	2	1	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1
MEAN	2	1	1	2	2	3	5	4	2	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1.3

PERCENTAGE OF OATA VALIO - 99.5 PERCENTAGE OF OATA INVALID - 0.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 12008 467 UNIVERSITY AV WEST F2 WINOSOR MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	3	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0
2	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	3	4	5	1
3	5	5	3	3	4	5	5	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	0	1	2	1	2	3	5	3	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	1
5	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
7	1	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	1	1	5	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	2	3	0	0	0	1	2	2	1	2	1	0	****	0	0	0	0	0	0	0	0	0	0	1
10	1	3	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0
12	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	1
13	2	2	4	2	2	3	8	4	2	1	0	0	0	0	0	0	2	0	0	0	0	1	0	0	1
14	0	0	0	0	0	1	3	4	2	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	3	1
16	5	1	7	10	11	18	19	10	4	3	1	0	0	0	0	0	0	0	0	0	3	5	3	0	4
17	0	0	0	3	6	8	11	****	2	1	2	1	1	0	1	1	2	0	0	0	0	0	0	0	2
18	0	0	0	0	0	2	2	1	2	2	5	4	3	3	3	3	0	0	1	2	4	4	6	5	2
19	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
20	4	0	0	0	0	0	1	1	3	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	2	2	2	1	2	1	0	0	0	0	0	0	0	0	1	3	4	1	3	1
22	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
25	6	5	6	1	0	2	4	6	5	4	2	1	0	0	0	1	0	1	0	2	8	10	0	0	3
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	2	0	2	8	12	9	3	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2
28	0	1	3	1	3	6	8	9	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
29													- DATA UNAVAILABLE -												
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	0	0	1	1	1	1	3	******
31	****	-	-	-	-	-	-	-	****	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	******
MEAN	1	1	1	1	1	2	3	3	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0.9

PERCENTAGE OF OATA VALIO - 90.9 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 8.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	8	12	16	15	15	8	3	5	2	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	4
7	3	0	0	0	0	1	3	5	3	2	2	2	2	1	1	2	2	1	1	1	1	0	0	1	1
8	1	1	0	0	0	1	3	3	2	1	0	0	0	0	0	0	0	0	0	1	1	2	2	4	1
9	3	13	4	6	2	2	2	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	2
10	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1
12	1	0	0	0	0	2	10	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	****	1	3	4	5	2	4	2	1	1
14	0	0	0	0	0	0	1	2	2	2	1	1	1	0	0	1	1	1	1	2	4	5	4	2	1
15	4	4	2	3	2	4	6	5	5	2	1	1	0	0	0	0	0	0	0	3	4	2	3	2	2
16	2	4	6	3	1	1	2	4	2	1	3	1	0	0	0	0	0	0	0	0	0	0	0	1	1
17	1	2	2	1	0	1	****	****	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	1	2	4	2	1	0	0	1	0	0	0	0	0	0	1	0	0	0	****	1
19	0	0	0	0	2	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1
20	1	0	0	3	1	4	7	14	6	2	2	1	0	0	0	0	0	0	0	1	2	2	3	2	2
21	-	-	-	-	-	-	-	-	-	-	-	1	1	****	****	****	****	****	****	****	****	****	****	****	******
22	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	2	2	1	1	3	******
23	6	5	5	2	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
24	****	****	****	****	****	****	11	21	16	****	0	1	0	0	0	0	0	0	0	2	1	0	0	0	3
25	1	1	2	4	2	5	13	25	18	10	2	1	0	0	0	0	0	0	0	1	1	1	1	1	4
26	0	1	1	2	4	4	5	10	9	7	5	3	2	1	1	0	0	0	1	2	3	5	8	14	4
27	17	17	17	16	11	13	28	37	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
28	0	0	0	0	0	0	0	2	1	0	1	1	****	0	0	0	0	0	0	2	6	7	6	6	1
29	8	9	9	3	3	8	9	8	6	3	1	2	2	0	0	0	0	0	0	0	0	0	1	1	3
30	1	0	0	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	2	1
MEAN	2	3	3	3	2	3	5	7	4	2	1	1	1	0	0	0	0	0	0	1	1	1	1	2	1.8

PERCENTAGE OF DATA VALID - 81.8 PERCENTAGE OF DATA INVALID - 16.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	1	4	7	7	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2													- DATA INVALID -												
3	****	****	****	****	****	****	****	****	****	3	2	2	1	1	1	1	1	1	0	0	0	0	2	1	******
4	1	1	1	1	0	1	3	6	4	3	1	1	2	1	1	2	3	3	2	3	6	9	10	9	3
5	10	8	5	3	4	7	14	20	14	11	5	2	2	1	1	1	1	1	1	1	1	3	5	3	5
6	2	2	1	0	1	2	3	3	3	3	3	4	4	6	6	2	1	1	2	1	2	2	1	1	2
7	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0
8	1	1	1	1	2	2	4	3	3	4	2	0	0	0	0	1	3	5	3	3	4	3	2	2	2
9	4	7	1	0	0	0	1	3	****	1	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2
10	1	2	4	4	6	13	16	37	26	14	4	2	1	1	1	2	2	2	4	5	6	10	9	10	8
11	11	7	5	4	2	2	5	9	9	4	3	0	0	1	1	1	1	1	1	1	2	2	4	5	3
12	4	3	3	2	2	2	3	6	8	****	7	5	3	3	4	8	5	1	1	1	1	1	1	2	3
13	3	3	3	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1
14	1	0	1	3	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	4	3	2
15	4	3	4	3	2	2	2	4	4	3	6	5	3	1	1	1	1	2	1	4	5	7	7	10	4
16	10	7	7	7	11	15	25	29	22	7	3	3	2	3	3	2	3	2	1	1	1	1	1	1	7
17	1	2	1	1	1	1	2	3	3	3	4	5	6	5	5	8	8	9	8	5	5	4	2	1	4
18	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
19	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0
22	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
23	0	0	0	1	2	3	3	2	1	1	1	2	2	2	2	3	4	2	1	2	1	2	1	0	2
24	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	3	3	1	1	1	0	0	1	1	1
26	1	1	2	0	0	0	1	1	2	1	1	1	1	1	1	2	2	2	7	10	13	14	14	13	4
27	11	7	4	5	8	7	3	1	1	0	1	1	0	0	0	0	0	1	1	0	0	0	1	3	2
28	2	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	3	3	3	2	2	1	1	4	1
29	7	7	6	5	5	6	9	16	12	7	3	2	1	1	1	1	3	8	5	4	4	5	6	3	5
30	2	1	1	0	0	0	0	0	1	0	1	1	2	1	1	1	1	0	0	0	0	0	0	0	1
31	1	1	1	0	0	0	2	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	3	2	2	1	2	2	4	5	5	3	2	2	1	1	1	2	2	2	2	2	2	2	3	3	2.3

PERCENTAGE OF DATA VALID - 93.4 PERCENTAGE OF DATA INVALID - 6.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	****	****	0	1	1	1	1	****	6	3	3	1	1	3	2	1
2	1	1	2	1	3	2	3	5	7	4	1	1	1	1	0	1	2	2	4	5	8	7	5	6	3
3	8	9	9	9	4	3	3	6	4	6	5	3	2	1	1	1	1	1	2	1	2	2	1	1	4
4	1	1	1	1	0	0	****	1	0	0	0	0	1	1	2	1	1	2	4	5	3	4	4	5	2
5	6	8	3	0	1	1	1	7	10	2	0	1	1	1	0	2	2	3	2	2	2	2	2	1	3
6	2	1	1	1	1	3	2	3	5	3	1	1	2	2	1	4	5	8	4	1	0	1	0	0	2
7	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
8	3	1	1	1	1	0	1	1	****	3	7	8	6	7	6	5	5	4	4	5	6	8	9	8	4
9	5	8	6	6	6	7	9	6	****	2	3	4	6	6	4	4	7	8	8	8	8	9	8	4	6
10	5	3	1	1	1	0	0	1	2	2	3	3	4	4	4	4	5	5	5	4	6	3	5	4	3
11	4	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	4	3	2	5	1
12	3	2	3	3	1	3	5	9	9	2	1	0	0	0	1	2	0	1	3	4	7	9	12	13	4
13	8	5	4	3	2	2	5	10	****	21	10	8	4	2	2	2	3	3	3	4	1	2	2	1	5
14	1	0	0	0	0	2	3	6	14	8	4	1	1	1	1	1	2	2	2	3	2	3	2	4	3
15	4	1	0	1	1	1	1	2	3	3	2	3	3	4	3	7	7	7	5	3	2	1	1	0	3
16	1	0	0	0	0	0	0	2	2	4	6	6	3	2	1	1	2	3	4	4	3	2	2	3	2
17	3	3	3	3	4	3	3	4	5	4	3	3	2	1	1	1	2	2	5	7	5	4	3	4	3
18	5	5	2	2	1	1	1	2	1	1	2	1	0	0	0	0	0	2	3	3	3	1	1	5	2
19	5	4	5	4	2	2	3	8	8	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	2
20	0	2	2	3	4	4	5	8	11	10	6	4	2	2	2	2	6	15	8	6	3	1	1	0	4
21	0	0	0	0	0	0	0	0	2	2	2	2	3	4	4	4	7	11	14	18	16	3	0	0	4
22	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	1	3	3	4	4	6	7	7	5	4	4	4	3	3	2
24	2	1	2	1	1	1	2	3	4	3	3	0	0	0	0	0	0	2	5	7	8	7	4	2	2
25	5	5	5	2	1	1	1	1	2	3	2	0	1	1	1	1	0	1	1	1	1	1	2	2	2
26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	2	4	3	3	2	1
27	3	2	1	1	1	1	2	4	3	1	1	3	1	1	1	2	5	9	4	1	3	1	1	1	2
28	1	1	1	0	0	0	1	1	2	2	1	1	1	1	1	1	1	2	2	2	0	1	1	1	1
29	1	1	0	1	1	1	2	2	4	3	3	3	3	3	****	2	2	3	3	4	4	3	2	1	2
30	1	1	0	0	0	0	1	1	2	2	2	1	2	2	2	3	4	3	2	4	5	5	5	7	2
MEAN	3	2	2	1	1	1	2	3	4	3	2	2	2	2	2	2	3	4	4	4	4	3	3	3	2.5

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	1	0	0	0	0	1	2	3	3	3	4	5	4	6	6	5	4	3	3	3	3	3	3
2	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	3	5	5	3	5	2
3	5	5	6	3	3	1	1	2	3	3	2	1	1	2	1	1	3	2	1	3	6	2	3	3	3
4	4	5	5	6	5	6	6	10	13	13	10	5	3	2	2	2	5	5	5	5	5	4	3	3	6
5	3	3	1	0	0	1	1	1	1	0	0	0	1	1	2	2	3	4	1	0	2	4	2	2	1
6	2	2	1	3	4	4	3	6	10	10	9	6	5	4	2	5	6	7	5	5	4	****	4	2	5
7	2	2	2	3	2	0	0	0	1	****	2	2	2	1	1	1	2	2	3	3	2	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	0
9	4	3	5	4	6	4	0	0	0	1	1	0	0	3	3	3	3	2	3	3	6	7	5	5	3
10	6	7	10	7	5	5	6	11	17	9	4	4	5	3	2	3	4	4	4	3	2	1	2	2	5
11	2	1	0	0	0	0	0	1	5	3	3	2	1	0	0	0	1	1	1	1	1	1	1	1	1
12	0	0	0	1	0	0	1	2	4	4	3	2	3	3	3	2	3	3	2	1	1	0	1	1	2
13	0	0	0	0	0	0	0	1	4	4	6	6	3	3	3	3	5	5	5	7	7	5	3	4	3
14	4	2	1	0	0	1	2	4	****	3	2	2	2	2	2	3	3	5	7	7	8	9	16	17	4
15	14	12	10	5	5	4	3	5	5	2	1	1	2	2	2	2	2	2	4	2	2	2	2	3	4
16	3	3	3	3	3	1	2	2	2	3	6	5	4	2	0	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	1	2	5	5	4	1	1	1	1	1	1	1	3	4	4	4	5	5	5	2
18	4	4	3	4	5	5	6	7	11	10	10	9	9	6	3	3	3	4	5	5	3	2	2	2	5
19	2	2	2	3	2	3	4	5	10	11	10	8	9	7	****	8	6	7	8	11	16	10	2	3	6
20	3	2	2	2	1	1	1	2	4	4	3	6	7	8	5	5	8	6	5	5	5	5	6	6	4
21	6	5	5	5	4	4	3	6	****	5	4	2	1	1	2	3	5	4	4	2	2	0	1	0	3
22	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	0	1	0	0	0	0	0	0
23	0	1	0	0	0	0	0	0	0	0	0	1	3	3	3	4	5	4	3	4	2	1	0	1	1
24	2	2	2	2	2	2	4	4	3	1	2	2	3	4	3	3	2	4	4	0	0	1	4	6	3
25	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0	1	1	0
27	2	2	1	1	0	0	0	0	****	2	2	3	3	3	3	3	3	4	7	8	5	3	3	4	3
28	2	0	0	0	0	0	0	1	2	3	3	3	4	4	6	5	4	5	7	8	8	7	6	5	3
29	4	5	5	5	5	5	5	6	10	9	4	4	5	4	3	6	6	7	13	14	13	14	12	13	7
30	11	9	9	8	8	8	9	10	12	7	8	6	4	3	2	2	2	3	3	4	3	2	1	1	6
31	1	0	1	1	1	1	1	1	1	1	2	3	5	8	9	7	6	5	5	6	8	8	8	7	4
MEAN	3	3	2	2	2	2	2	3	5	4	3	3	3	3	2	3	3	3	4	4	4	3	3	3	3.0

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESCURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.0	11	30
FEB	28	2.9	13	65
MAR	31	1.8	6	20
APR	30	2.0	6	27
MAY	31	1.5	4	21
JUN	30	1.0	6	26
JUL	31	1.3	5	28
AUG	27	0.9	4	19
SEP	24	1.8	7	37
OCT	28	2.3	8	37
NOV	30	2.5	6	21
DEC	31	3.0	7	17
YEAR	352	2.1	13	65

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 12008 467 UNIVERSITY AV WEST F2 WINDSOR

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	559	152	21	4	0	0	0	736
FEB	587	43	20	5	1	0	4	660
MAR	693	34	8	0	0	0	0	735
APR	669	30	9	2	0	0	0	710
MAY	700	31	7	1	0	0	0	739
JUN	681	25	8	2	0	0	0	716
JUL	686	33	20	1	0	0	0	740
AUG	651	20	5	0	0	0	0	676
SEP	541	25	19	3	1	0	0	589
OCT	621	52	17	4	1	0	0	695
NOV	627	75	9	1	0	0	0	712
DEC	623	95	20	0	0	0	0	738
YEAR	7638	615	163	23	3	0	4	8446

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	10	30	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50	70	90	95	98	99	MAX	ARITH MEAN
96.4	0	0.0	0.0	0.6	1.7	4.9	7.3	10.6	13.8	65	2.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	1	2	1	1	2	1	1	2	1	2	1	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	****	****	2	1	1	2	2	3	4	5	2	1	1
6	2	2	2	2	2	2	2	1	2	3	3	3	2	2	2	1	1	3	2	3	2	3	2	1	2
7	1	1	1	1	1	2	1	1	2	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	3	2	3	3	3	2	2	2	2
9	1	1	1	1	2	2	1	1	1	2	3	3	3	2	2	****	1	2	2	3	1	1	1	0	2
10	0	0	0	0	0	0	1	2	2	1	2	1	0	1	0	0	0	1	1	3	1	2	3	1	1
11	0	0	0	0	0	1	1	2	7	8	4	1	0	0	1	1	4	3	4	4	2	4	10	11	3
12	4	1	0	1	1	1	2	4	4	****	3	3	3	3	4	5	6	8	11	6	4	5	4	5	4
13	4	3	3	3	3	3	3	4	4	5	6	6	6	6	6	6	6	6	7	5	4	5	6	4	5
14	5	4	3	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	2
15	1	1	1	1	0	0	0	0	1	3	4	4	2	1	3	3	3	2	4	4	4	5	3	1	2
16	1	2	2	0	0	0	1	1	4	4	1	1	2	1	3	2	4	10	13	8	4	3	4	2	3
17	1	1	0	1	1	1	2	4	6	6	8	4	3	4	****	****	2	2	2	1	2	3	3	1	3
18	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	3	6	6	3	3	3	2	5	5	2
19	6	2	1	1	1	1	2	3	6	4	3	4	3	4	4	4	4	3	2	2	2	2	2	2	3
20	2	2	2	2	1	2	2	3	3	4	5	6	6	5	5	5	4	4	3	3	3	4	4	5	4
21	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	2	1	
22	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	****	****	1	1	1	1	0	0	1	1
23	0	1	1	2	0	0	0	2	2	2	****	4	5	4	5	5	4	4	3	3	2	2	3	2	2
24	2	1	1	1	1	1	1	2	2	2	3	3	4	5	5	5	4	3	2	1	1	1	1	1	2
25	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	****	0	1	0	1	1	1	1	0	1	0	1	0	0	0	0
27	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	3	2	2	2	2	2	1	2
28	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	1	2	1	1	1	1	1	0	0	1
30	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1
31	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.7

PERCENTAGE OF OATA VALID - 97.2 PERCENTAGE OF OATA INVALIO - 2.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTE5 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 14064 CENTENNIAL PK FRONT 5T/CN TRACKS, SARNIA MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	1	4	3	4	2	1	1	2	3	14	31	29	53	45	8
3	27	20	14	6	1	2	7	16	11	7	4	3	4	4	5	5	3	2	2	1	2	2	3	4	6
4	2	2	1	0	0	0	0	0	3	1	0	0	0	1	1	0	1	2	1	0	0	1	2	0	1
5	0	0	0	0	0	0	0	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0
6	1	2	0	0	0	0	3	5	7	****	5	10	7	7	5	3	3	3	2	2	2	2	2	3	3
7	3	5	4	5	3	3	4	8	9	8	9	9	11	9	3	4	2	1	2	2	2	3	3	1	5
8	1	1	1	1	1	1	1	1	3	3	2	2	2	2	1	1	1	1	1	1	0	0	0	0	1
9	0	0	0	****	****	****	****	****	*	0	1	0	1	1	****	0	1	2	1	0	0	1	1	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	4	2	1	2	1
11	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
12	0	0	0	0	0	0	0	1	2	2	3	1	2	1	1	1	1	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	1	2	3	5	1	1	1	1	1	1	2	3	4	11	6	6	9	6	3
14	2	1	0	0	0	0	1	2	3	2	2	****	2	3	2	3	4	3	2	2	2	2	1	1	2
15	1	0	0	0	0	0	0	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	0	1
16	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	1	0	0	0	0	0	0
18	0	1	0	0	0	1	0	0	0	1	1	1	1	2	2	1	1	0	1	0	0	0	0	0	1
19	0	0	0	0	0	0	1	12	22	****	****	****	0	1	0	0	1	1	1	3	4	4	5	4	3
20	6	4	5	6	6	3	5	10	11	10	9	7	6	6	5	4	3	1	1	1	1	1	1	1	5
21	1	0	0	0	0	0	0	1	1	3	1	5	4	1	1	1	0	0	0	0	0	1	1	0	1
22	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2	2	1	1	1	1	1	1	0	0	1
23	0	0	1	0	0	0	1	1	1	1	3	4	5	7	9	8	12	13	6	6	7	9	0	1	4
24	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	****	****	****	****	3	2	1	1	1	2	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	****	****	****	1	2	1	1	****	1	1	1	7	2	3	4	2	1
28	0	0	1	0	1	1	3	7	11	8	5	3	4	3	3	3	4	5	6	12	5	2	3	1	4
MEAN	2	1	1	1	0	0	1	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	1.9

PERCENTAGE OF OATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTE5 1. "****" INDICATE5 INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATE5 LE55 THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	1	2	3	4	4	5	5	6	****	2	1	1	0	0	0	0	0	0	2
2	0	0	0	0	0	0	C	1	1	1	2	2	3	2	2	2	2	2	2	4	6	2	1	1	2
3	0	1	1	1	1	0	1	1	2	2	2	3	2	2	2	2	1	2	3	2	1	1	1	1	1
4	1	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4	4	4	4	3	3	3	4	3
5	2	1	1	1	0	0	C	0	0	***	1	1	2	1	1	2	2	1	2	3	2	2	3	2	1
6	1	1	1	1	1	1	2	2	3	2	****	****	0	0	0	0	0	0	0	10	7	2	3	1	2
7	1	1	0	0	0	1	2	4	4	3	2	3	3	3	1	1	2	2	2	8	2	1	1	1	2
8	1	2	1	0	1	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9	1	1	0	1	3	3	6	6	4	3	2	3	3	3	3	2	3	2	2	4	4	5	6	4	3
10	3	2	1	1	1	2	5	7	12	17	31	1	0	0	0	0	0	0	0	0	0	0	0	0	3
11	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	1	0	0	0	0
12	0	0	0	0	0	0	0	1	0	****	0	0	0	0	1	1	1	1	2	2	2	3	4	4	1
13	5	2	1	1	1	1	2	3	5	6	5	5	5	4	5	7	2	3	3	3	3	3	6	3	4
14	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	***	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1
16	0	0	0	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	4	1
17	8	7	5	5	4	3	4	11	4	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	3
18	2	2	1	1	1	1	1	1	4	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
19	1	1	1	1	1	1	1	2	3	2	2	3	2	3	3	3	3	3	3	2	2	3	1	1	2
20	1	1	1	1	0	1	2	3	3	****	2	2	2	2	3	3	3	2	2	3	3	4	3	10	2
21	8	10	4	3	2	2	5	9	6	6	3	3	2	2	3	2	2	2	2	1	1	2	2	4	4
22	2	3	2	2	2	2	2	2	2	3	3	3	3	4	4	4	5	5	5	5	5	7	10	4	4
23	3	3	2	2	2	2	2	3	4	4	4	5	4	4	3	4	4	4	3	3	3	3	3	3	3
24	3	3	3	3	3	3	3	3	3	4	4	4	5	3	4	4	5	6	6	3	4	3	3	3	4
25	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
26	1	1	1	1	1	1	0	0	0	****	1	7	1	2	****	****	****	****	****	****	****	****	****	****	******
27	- DATA INVALID -																								
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	3	2	2	2	3	4	4	******
29	4	5	6	2	2	1	4	2	****	****	3	3	3	3	2	2	3	2	3	2	3	3	9	4	3
30	3	6	6	4	4	4	5	7	8	9	8	8	7	7	6	6	7	8	7	8	7	6	8	7	7
31	6	8	6	6	6	5	5	6	6	5	5	5	5	5	5	4	4	3	3	2	2	2	2	2	5
MEAN	2	2	2	2	1	1	2	3	3	4	3	3	2	2	2	2	2	2	2	3	2	2	3	3	2.3

PERCENTAGE OF DATA VALID - 91.9 PERCENTAGE OF DATA INVALID - 8.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	0	0	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	1	2
2	1	1	0	1	0	1	1	5	7	4	****	****	8	6	6	3	2	2	2	1	2	1	1	1	3
3	1	2	3	2	5	3	2	3	2	2	1	1	1	2	2	3	4	3	3	4	4	7	12	9	3
4	9	2	1	1	1	1	1	2	3	2	2	2	2	1	1	2	1	2	1	1	1	0	0	0	2
5	0	0	0	0	0	1	1	2	1	1	1	1	2	2	4	3	2	1	2	2	3	1	1	1	1
6	1	0	0	0	0	0	0	0	1	***	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
8	1	1	1	1	0	0	0	0	1	1	1	2	2	1	1	1	1	1	0	1	0	1	0	0	1
9	1	0	0	1	1	1	1	1	2	1	2	2	1	1	1	2	1	2	1	1	1	1	0	0	1
10	0	0	0	0	0	0	0	1	1	0	0	0	0	0	****	1	2	2	2	2	2	3	3	3	1
11	2	3	2	3	1	1	1	4	3	3	2	1	0	1	1	1	2	2	1	1	0	0	0	0	1
12	0	0	0	0	0	0	0	1	2	2	3	5	4	5	4	5	4	5	5	4	3	3	3	3	3
13	3	2	2	2	2	2	2	3	3	3	3	3	4	4	3	4	4	3	3	3	3	2	2	2	3
14	2	2	2	2	2	1	2	2	2	2	4	5	4	2	2	2	2	2	2	2	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2	2	2
16	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	1	2	2	2	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2	1	1
18	1	2	2	2	0	0	0	1	1	****	0	1	1	2	2	2	2	2	2	2	1	1	2	2	1
19	2	4	3	1	2	3	6	3	1	1	2	2	2	3	2	1	1	1	2	2	3	2	6	9	3
20	10	22	12	17	11	12	11	8	5	1	1	2	2	2	2	2	3	2	2	2	2	2	2	2	6
21	2	2	2	2	2	2	3	3	3	4	4	5	4	3	3	4	5	5	4	3	5	7	3	2	3
22	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	2	1	3	1
23	5	4	5	4	2	1	2	4	5	3	4	3	2	2	3	2	2	2	4	2	3	2	1	1	3
24	1	2	2	2	2	6	8	5	3	2	2	3	2	3	****	3	3	2	3	4	3	2	2	2	3
25	1	1	1	1	1	1	2	4	3	3	3	3	3	3	3	3	2	3	4	5	5	3	2	3	3
26	1	1	1	1	1	3	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	0	0	1	1
27	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	2	2	3	2	3	5	6	2
28	6	2	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1
29	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	1	1	1	2	2	2	1	1	1
30	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - SW ND 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	1	1	2	2	3	2	2	1
2	2	1	1	1	1	2	2	2	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	2	2	2	2	4	5	2	1	1	1	1	2	1	1	1	1	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	1	1	1
5	1	1	1	1	1	1	3	2	2	2	2	1	1	1	1	1	1	2	2	2	1	2	2	1	1
6	1	1	1	1	1	1	2	2	3	4	4	4	3	3	2	2	2	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	2	2	2	1	****	1	1	1	1	2	****	1	1	1	1	1	1	0	1
8	1	1	1	0	D	1	2	3	3	3	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2
9	3	8	4	6	6	6	4	3	3	3	3	3	2	2	2	2	3	2	2	2	2	2	2	2	3
1D	2	3	1	1	2	1	1	2	2	3	3	3	4	4	2	2	2	2	3	2	3	3	2	2	2
11	2	2	2	2	2	3	4	4	5	5	4	3	4	4	3	3	3	3	2	2	2	2	2	2	3
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1	2
13	1	1	1	1	2	2	3	2	2	2	3	2	1	1	1	0	D	D	D	D	D	0	1	1	1
14	D	D	D	D	1	1	2	3	1	****	-	1	1	1	1	D	D	D	0	0	0	0	1	D	1
15	D	0	D	D	1	1	3	3	3	2	3	2	2	1	2	1	1	1	1	1	2	2	2	2	2
16	2	2	1	1	1	4	3	1	1	1	1	1	1	2	1	2	1	1	1	1	2	5	4	8	2
17	4	2	1	1	1	2	5	3	2	3	1	1	1	1	1	1	0	D	0	1	1	1	1	1	1
18	1	1	1	1	1	2	3	5	6	4	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2
19	1	1	1	2	2	2	2	2	3	3	3	4	4	2	2	3	3	2	3	3	1	1	2	2	2
20	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	3	1	1
21	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1	2	3	4	6	8	8	4	2
22	3	3	2	2	5	3	4	3	3	2	2	3	****	****	1	1	1	1	3	3	5	4	4	2	3
23	2	3	1	2	2	2	3	5	3	3	2	2	2	2	2	2	1	1	1	3	3	3	3	3	2
24	2	2	1	1	1	1	1	1	****	****	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1
25	0	1	D	0	1	1	2	3	2	1	1	0	2	1	2	2	3	3	2	3	3	3	2	3	2
26	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	0	1	1	1	1	1	1	0	2
27	1	2	1	1	2	1	1	1	1	2	2	1	1	1	D	0	1	1	1	1	2	2	3	1	1
28	1	1	D	0	D	0	1	1	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
29												- DATA INVALID -													
30												- DATA INVALID -													
31												- DATA INVALID -													
MEAN	2	2	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 86.8 PERCENTAGE OF DATA INVALID - 13.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	D	D	D	1	1	1	1	1	1	D	D	2	1	2	******
12	1	0	0	D	0	1	3	1	1	0	1	1	1	1	D	1	1	1	D	D	1	6	10	10	2
13	7	6	3	3	5	1D	6	1	1	1	D	0	D	D	0	0	0	0	D	0	0	D	D	0	2
14	D	D	D	D	D	D	2	1	1	2	3	3	1	0	D	D	2	4	5	5	6	6	7	7	2
15	9	9	9	10	8	9	1D	10	8	6	5	6	5	3	1	1	1	1	1	2	1	D	0	0	5
16	0	0	D	D	D	0	D	0	0	D	D	0	1	D	1	0	0	D	0	D	0	0	0	0	0
17	D	0	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	1	0	0	D	D	0	1
18	D	D	0	D	0	0	D	0	****	D	0	D	0	D	1	0	0	0	D	1	0	D	0	0	0
19	D	D	D	0	0	0	0	0	1	1	1	1	1	D	D	0	D	1	D	0	1	0	0	0	D
20	0	0	D	D	D	D	1	1	1	1	1	1	1	1	2	4	4	5	6	6	7	7	7	7	3
21	8	7	6	6	6	6	8	8	7	7	7	7	8	8	1D	9	8	7	4	2	2	1	1	1	6
22	1	1	1	1	1	1	2	2	2	****	1	1	2	1	1	1	1	1	1	1	0	D	D	0	1
23	0	0	D	D	D	D	D	D	1	D	0	D	D	0	0	0	D	D	0	D	D	0	D	0	D
24	D	0	D	0	0	0	D	D	0	D	D	0	0	0	D	0	0	D	D	D	0	0	0	D	0
25	0	0	D	D	D	0	1	D	****	D	D	1	1	1	0	D	D	1	1	1	2	6	2	4	1
26	2	1	1	1	2	3	4	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	D	0	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
28	1	1	1	1	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
29	2	3	1	1	1	1	2	2	2	2	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3
30	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	2
MEAN	2	2	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1	1	2	2	2	1.6

PERCENTAGE OF DATA VALID - 64.7 PERCENTAGE OF DATA INVALID - 35.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	17	30	19	4
3	15	15	14	8	6	2	2	2	1	0	0	****	****	0	1	1	1	1	1	1	1	1	1	0	3
4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0
6	1	0	1	1	1	4	4	4	1	0	1	0	0	0	0	0	0	0	0	1	3	7	5	13	2
7	19	21	21	18	14	15	9	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	5
8	0	1	1	****	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	6	0	1
9	0	0	0	0	0	1	2	3	****	****	5	4	4	4	4	5	5	5	4	4	4	4	3	3	3
10	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	2	2	2	2	3
11	3	4	5	3	3	2	3	3	3	3	3	3	3	****	****	****	4	3	3	3	3	3	3	5	3
12	4	3	3	4	5	4	5	5	4	3	3	3	3	3	3	3	3	3	3	3	3	2	10	7	4
13	3	2	3	3	3	3	3	3	3	3	2	2	3	3	3	3	2	2	2	2	2	3	2	3	3
14	3	5	6	5	4	3	4	4	6	4	3	3	4	4	3	3	4	5	4	4	3	3	5	4	4
15	3	3	2	2	3	3	3	3	3	3	4	4	3	4	3	3	3	3	3	3	3	8	7	11	4
16	3	3	3	3	3	3	3	3	3	3	3	****	3	4	4	4	4	4	4	3	3	3	2	2	3
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	2	2	2	2	2	2	1	2	1	2	1	2	1	2	2	6	11	4	2
19	1	1	3	1	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
20	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	4	12	5	3
21	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
22	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	2	2	2	2	2	2	3	2	****	****	3	3	2	1	1	2	4	3	3	3	3	3	3	2	2
24	2	2	2	3	2	3	3	5	6	5	3	10	6	2	2	3	4	4	4	4	4	5	5	4	4
25	5	5	5	4	4	5	6	5	6	5	4	4	4	4	4	4	5	4	5	5	5	4	3	3	5
26	3	3	3	3	2	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	3	5	9	8	3
27	3	4	5	6	7	7	6	****	2	2	3	2	2	1	1	1	1	2	2	2	2	2	2	1	3
28	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	1	2	3	5	10	9	2
29	11	7	7	5	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	2	3
30	1	2	2	1	1	4	5	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	2	2
31	3	3	2	2	2	4	3	3	2	****	****	1	2	2	2	2	3	3	3	3	3	3	3	3	3
MEAN	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	5	4	2.6

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	5	5	5	5	6	6	6	7	7	6	5	4	4	3	2	2	2	2	1	1	1	1	1	4
2	1	1	1	1	0	0	0	0	1	****	1	1	0	1	1	1	1	0	0	0	1	0	0	0	1
3	0	0	0	0	2	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	0	0	0	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
7	2	1	1	1	2	1	3	2	****	****	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2
8	2	1	1	1	1	1	3	2	2	2	2	1	2	1	1	1	2	1	1	1	1	1	1	1	1
9	1	1	1	1	1	5	4	2	1	1	3	3	2	1	2	1	2	2	1	1	1	1	1	1	2
10	3	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1
12	1	1	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	3	3	2	2	1
13	2	2	2	2	2	3	3	4	3	3	4	2	2	2	1	1	1	1	2	2	2	1	2	2	2
14	1	1	1	1	1	2	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
16	1	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	1	3	2	1	1	1	1
17	1	1	0	1	1	0	0	1	0	0	1	3	3	1	1	2	1	1	1	1	1	1	1	0	1
18	1	1	1	1	0	1	2	2	1	1	1	1	0	1	1	1	1	1	1	2	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1
20	1	2	1	1	1	0	3	2	2	2	2	1	1	1	1	1	3	1	1	1	0	0	0	****	1
21	0	0	0	0	0	2	5	3	****	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	0	0	1	2	2	2	1	0	1	1	1	1	2	2	2	2	2	2	2	2	0	1
23	0	0	0	0	0	1	2	2	1	4	2	2	4	3	3	3	2	1	1	1	1	1	1	1	2
24	2	2	2	2	3	2	2	2	3	2	2	2	2	2	2	1	1	1	1	1	2	2	1	1	2
25	1	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	1	6	4	1	1	1	2	2	2	1	1	1	1	1	1	1	2
28	1	1	1	1	1	1	2	4	3	2	2	2	2	3	1	1	1	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	3	3	1	1	1	1	2	2	2	1	1	1	1	2	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	2	5	4	3	3	2	2	2	2	2	4	3	3	2	2	2	2	3	2	2
MEAN	1	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - SEP 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	2	2	2	2	2	2	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	2	4	2	1	1	0	0	0	1	1	1	1	1	1	2	2	1	1	1
S	1	1	1	1	1	1	1	1	2	2	1	1	1	0	1	1	1	2	4	4	2	1	1	1	1
6	2	1	1	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1
7	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	2	3	2	1	1	1	1	0	1	0	0	3	12	17	14	29	4
9	14	3	1	0	0	0	0	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	2	2	3	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	3	2	2	****	****	0	1	1	1	1	1	1	2	S	3	2	1	1	2
12	0	0	0	0	0	2	S	3	3	1	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	2	3	2	1	2	S	3	3	2	1	1	1	1	1	1	1	1	2
14	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	0	0	0	0	0
1S	0	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
17	-	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	0	0	0	1	******
18	2	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	1	0	0	0
20	0	0	0	0	0	2	6	7	3	2	1	1	1	1	1	1	1	0	0	1	1	1	2	2	1
21	4	S	1	1	1	0	0	****	****	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
24	0	0	0	0	0	2	4	6	3	2	3	6	S	4	4	3	3	3	2	2	2	2	3	3	3
2S	1	0	1	2	0	1	4	S	2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
26	0	0	1	0	0	1	0	1	2	***	2	4	1	0	0	0	0	1	7	4	1	2	7	6	2
27	1	2	6	7	4	8	1S	10	0	2	7	2	1	2	1	1	1	1	1	1	1	1	1	1	3
28	1	1	1	1	1	1	S	S	3	2	4	2	2	1	1	1	1	2	2	2	2	2	3	1	2
29	1	1	S	6	3	3	2	4	6	6	S	2	1	0	0	1	1	1	1	1	1	1	1	1	2
30	1	1	1	1	1	2	3	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.D PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - OCT 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	3	3	2	2	1	1	1	0	1	2	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	2	2	2	2	3	2	****	****	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	3	3	2	2	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1
S	2	0	0	0	1	1	3	S	2	1	0	1	1	0	0	0	0	0	2	0	0	0	0	0	1
6	0	1	1	0	0	2	1	4	4	4	2	S	2	2	1	1	1	1	1	1	0	0	0	0	1
7	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
8	1	1	2	1	2	1	1	1	2	1	1	0	0	1	1	1	1	1	2	S	4	1	1	1	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
10	0	0	0	0	0	0	7	4	3	1	1	2	1	****	0	0	0	0	0	0	0	1	1	3	1
11	2	3	3	S	S	4	8	S	4	2	2	2	3	1	1	2	1	1	1	1	0	0	1	0	2
12	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
13	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
1S	3	1	0	0	0	0	0	1	1	2	2	1	0	0	0	0	0	0	2	4	0	0	0	0	1
16	1	1	2	1	0	2	11	22	4	3	2	2	2	3	****	0	2	3	3	2	2	2	2	1	3
17	1	0	0	1	2	2	2	S	4	2	3	3	3	3	2	2	1	1	0	0	0	0	0	0	2
18	1	3	0	0	0	1	2	3	2	2	1	1	1	1	1	1	1	2	1	1	0	0	0	0	1
19	0	0	0	0	0	1	1	1	1	****	4	2	2	2	2	2	2	1	2	2	1	2	4	3	2
20	3	7	6	6	S	4	4	4	3	3	3	2	3	2	2	2	2	2	4	3	3	2	2	3	3
21	2	1	1	2	2	2	2	3	3	4	3	3	2	2	2	1	2	2	2	2	2	2	2	2	2
22	2	2	2	2	3	3	S	S	S	3	3	4	2	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	1	1	0	0	0	****	0	0	0	0	0	0	0	0	1	1	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0
27	S	2	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	S	1
28	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	2	2	8	10	8	6	6	4	2
30	3	2	2	1	1	1	2	S	4	2	2	2	2	2	2	3	3	3	2	4	2	2	2	2	2
31	1	1	0	0	0	0	2	3	2	1	****	****	****	****	1	1	1	1	0	1	1	1	0	0	1
MEAN	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALIO - 98.S PERCENTAGE OF OATA INVALID - 1.S PERCENTAGE OF OATA UNAVAILABLE - O.O

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	0	0	0	0	0	0	0	1
2	1	1	1	1	0	0	0	0	0	****	****	1	0	0	0	0	0	0	1	1	1	3	1	1	1
3	0	0	0	0	1	2	4	4	3	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
4	1	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
5	1	0	0	0	0	1	1	4	3	2	3	5	1	1	1	4	2	2	2	1	1	1	2	2	2
6	1	1	0	1	2	3	4	8	4	2	1	0	****	2	1	2	1	1	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	0
8	2	1	3	3	1	2	2	2	2	2	1	1	1	1	0	0	0	1	0	0	0	1	1	1	1
9	1	2	1	1	2	6	11	6	5	2	****	****	3	3	2	3	3	3	3	2	1	1	1	1	3
10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
11	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	2	6	13	8	2	1	1	1	1	1	1	2	7	14	30	12	16	8	2	5
13	1	1	1	2	4	4	9	21	2	1	1	1	1	0	0	0	1	0	0	1	1	1	1	0	2
14	0	0	0	0	0	0	0	1	1	0	1	****	0	0	0	0	0	0	0	0	0	1	1	2	0
15	1	0	1	1	2	2	1	3	4	4	3	2	2	1	2	1	****	****	1	1	0	0	0	0	1
16	0	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
17	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	3	6	6	9	3	2	11	2
18	11	13	17	12	9	7	8	3	2	2	2	1	2	2	2	1	2	3	3	2	3	1	1	1	5
19	5	4	2	1	2	3	7	11	9	8	2	3	3	1	1	1	1	1	1	1	1	1	1	3	3
20	3	2	1	2	1	1	1	2	2	1	1	1	1	****	1	1	2	2	2	3	1	1	0	0	1
21	1	0	0	0	0	0	0	2	2	1	2	1	2	2	2	2	4	3	3	2	1	2	3	4	2
22	1	1	1	2	2	1	1	2	2	2	****	3	3	3	1	2	2	1	2	3	1	2	1	0	2
23	1	1	2	0	0	0	0	1	1	0	1	1	1	1	1	1	2	6	1	0	1	1	0	0	1
24	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0
25	1	0	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
26	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	1	1	1	1	1	****	****	1	4	7	0	0	0	0	1	1
28	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	1	1	1	1	1	2	2	2	2	0	0	0	0	2	0	0	1
2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	3	0
3	4	3	1	0	0	0	0	0	4	4	2	3	4	4	3	3	4	3	1	0	0	0	0	0	2
4	0	0	0	0	0	0	1	3	3	1	0	0	1	3	3	2	0	0	0	0	4	6	4	4	1
5	1	0	0	0	0	0	0	0	0	0	0	0	-	-	-	0	0	1	1	0	0	0	0	0	0
6	0	0	2	0	0	0	0	0	1	0	1	0	1	0	1	4	2	6	5	5	5	2	1	1	2
7	1	2	4	3	1	0	1	2	2	3	5	****	3	5	6	3	2	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	1	0	0	3	3	4	2	3	3	2	1	1	0	0	1	0	0	0	1	0	1	1
10	1	1	1	2	4	12	12	11	8	6	5	4	4	4	6	9	7	6	5	5	5	5	5	5	6
11	7	8	6	5	4	4	6	7	8	6	7	5	4	3	3	2	2	4	5	5	6	6	5	7	5
12	7	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	1	2	2	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0
14	1	0	1	0	0	1	1	1	2	1	0	0	0	1	0	0	0	0	1	1	0	0	0	4	1
15	4	4	2	4	6	5	3	3	3	4	4	2	2	2	2	4	4	8	10	7	4	4	4	5	4
16	6	3	1	0	0	0	1	2	3	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	1	2	1	1	1	2	2	2	0	0	0	0	0	0	0	0	1
18	2	0	0	1	1	1	1	2	3	3	2	2	1	1	1	1	3	8	3	3	3	3	2	2	2
19	1	2	1	1	2	2	3	5	6	6	5	5	****	2	2	2	3	3	3	3	2	2	2	1	3
20	1	0	0	0	0	0	0	1	2	3	3	3	4	3	3	4	4	5	6	7	7	5	4	2	3
21	3	3	2	2	1	2	2	4	5	4	3	2	2	2	2	2	3	2	1	1	1	1	0	0	2
22	1	1	1	1	1	2	1	1	2	2	2	3	4	3	4	4	3	2	2	1	0	1	1	0	2
23	2	2	2	2	2	1	1	2	2	2	3	2	3	1	1	3	4	3	1	3	3	2	3	2	2
24	1	1	0	0	0	0	0	0	0	0	1	1	2	3	3	3	2	1	1	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	1	2	0	0
28	0	0	0	0	0	0	0	0	1	****	****	0	1	0	0	1	1	1	1	1	1	0	0	0	0
29	0	0	0	1	1	1	1	2	4	3	1	1	1	1	1	3	1	2	3	1	2	1	0	1	1
30	1	0	0	0	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1
31	2	0	1	1	0	0	0	0	3	4	4	2	3	2	2	1	1	1	1	1	2	0	1	0	1
MEAN	2	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	2	2	2	1	2	1	1	1	1.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1.7	5	13
FEB	28	1.9	8	53
MAR	28	2.3	7	31
APR	30	1.9	6	22
MAY	27	1.7	3	8
JUN	19	1.6	6	10
JUL	31	2.6	5	30
AUG	31	1.2	4	7
SEP	29	1.3	4	29
OCT	31	1.1	3	22
NOV	30	1.3	5	30
DEC	31	1.5	6	12
YEAR	346	1.7	8	53

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5W NO 14064 CENTENNIAL PK FRONT ST/CN TRACKS, SARNIA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	693	27	3	0	0	0	0	723
FEB	596	38	13	3	1	1	1	653
MAR	627	53	3	0	1	0	0	684
APR	690	17	6	1	0	0	0	714
MAY	637	9	0	0	0	0	0	646
JUN	419	47	0	0	0	0	0	466
JUL	685	28	14	3	0	0	0	730
AUG	732	7	0	0	0	0	0	739
SEP	682	15	5	1	0	0	0	703
OCT	720	11	1	1	0	0	0	733
NOV	676	19	11	2	0	0	0	708
DEC	701	33	3	0	0	0	0	737
YEAR	7858	304	59	11	2	1	1	8236

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
94.0	0	0.0	0.1	0.7	1.5	3.3	4.8	7.2	9.6	53	1.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIOE BLVO.MOBILE STATION, CORUNNA MONTH - FEB 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
S												- OATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
B												- OATA UNAVAILABLE -													
9												- OATA UNAVAILABLE -													
10												- OATA UNAVAILABLE -													
11												- OATA UNAVAILABLE -													
12												- OATA UNAVAILABLE -													
13												- OATA UNAVAILABLE -													
14												- OATA UNAVAILABLE -													
15												- OATA UNAVAILABLE -													
16												- OATA UNAVAILABLE -													
17												- OATA UNAVAILABLE -													
1B												- OATA UNAVAILABLE -													
19												- OATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
2S												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27												- OATA UNAVAILABLE -													
2B	-	-	-	-	-	-	-	-	-	-	-	-	****	****	1	1	0	1	0	0	1	0	0	0	******
MEAN	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	1	0	0	1	0	0	0	0.4

PERCENTAGE OF OATA VALIO - 1.S PERCENTAGE OF OATA INVALIO - 0.3 PERCENTAGE OF OATA UNAVAILABLE - 98.2

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIOE BLVO.MOBILE STATION, CORUNNA MONTH - MAR 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3	1	1	1	1	1	0	0	1
2	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
7												- OATA INVALIO -													
8												- OATA INVALIO -													
9												- OATA INVALIO -													
10												- OATA INVALIO -													
11												- OATA INVALIO -													
12												- OATA INVALIO -													
13												- OATA INVALIO -													
14												- OATA INVALIO -													
1S												- OATA INVALIO -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	0	0	0	2	6	******
17	S	4	3	3	2	2	2	3	3	2	2	2	7	6	S	1	1	0	0	0	0	0	0	0	2
1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
21	1	1	0	0	0	0	1	3	2	2	1	1	2	2	1	1	1	1	1	1	0	1	1	1	1
22	1	2	1	0	0	1	1	1	2	1	1	0	0	0	1	0	0	0	0	2	4	4	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2B	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0
29	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	2	1	1	1	1	1	0	0	1
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0.4

PERCENTAGE OF OATA VALIO - 66.9 PERCENTAGE OF OATA INVALIO - 33.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	1	2	2	3	4	2	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	1	1	0	1	1	2	1	1	1	1	1	0	1	0	0	1	2	1
4	2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	****	0	1	0	0	0	0	0	0	0	0	0	***	0
6	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1	1	2	1	2	1	2	2	1	1	0	0	0	0	0	1
10	0	0	0	0	0	0	1	1	1	2	3	5	2	1	1	1	0	1	1	1	0	0	0	0	1
11	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
14	0	1	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0
17	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	1	0	0	1	1	1	1	4	1
18	1	1	0	0	0	0	1	1	1	1	2	3	2	2	1	1	1	1	1	1	0	1	1	1	1
19	1	1	0	0	0	1	1	2	2	4	****	1	1	1	1	1	1	0	1	1	2	2	3	6	1
20	4	4	5	5	6	6	3	1	0	1	2	4	6	4	3	1	0	0	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	D	1	1	1	1	0	0	0	0	0	1	1	0	0	1	3	1	0
22	1	0	0	1	0	0	0	1	1	2	2	1	2	1	1	0	0	1	0	0	0	0	0	0	1
23	0	0	0	0	0	0	1	4	4	2	3	1	0	0	0	0	1	1	0	0	0	2	3	2	1
24	2	3	0	0	0	0	1	1	0	1	1	1	1	1	****	-	-	-	-	-	-	-	-	-	******
25	-	-	-	-	-	-	-	-	-	****	1	1	1	0	0	0	0	0	0	0	1	0	0	0	******
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
27	1	1	0	0	0	0	0	1	1	1	1	2	1	2	2	2	1	0	1	1	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	******
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0.5

PERCENTAGE OF DATA VALID - 94.7 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 2.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
4	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	0	0	****	****	****	-	-	-	-	-	-	-	-	******
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
31												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 15.9 PERCENTAGE OF DATA INVALID - 8.9 PERCENTAGE OF DATA UNAVAILABLE - 75.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	0	0	0	0	0	0	0	******	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	1	3	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4												- DATA INVALID -														
5												- DATA INVALID -														
6												- DATA INVALID -														
7												- DATA INVALID -														
8	****	****	****	****	****	****	****	****	****	****	****	0	1	0	0	1	0	0	0	0	0	0	0	0	******	
9	0	0	0	0	0	0	2	1	1	1	1	0	0	0	1	3	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
13	0	0	0	0	0	0	1	3	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	1	0	0	0	1	1	0	
16	0	0	0	0	0	0	1	1	0	0	0	1	1	1	2	0	0	1	1	1	0	0	0	0	0	
17	0	0	0	0	0	0	1	0	0	1	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	
20	0	0	0	0	0	1	1	1	1	1	1	1	2	6	1	1	0	1	0	0	0	0	0	0	1	
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
22	0	1	1	0	0	0	0	1	0	1	2	0	2	1	****	1	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	2	0	0	1	2	2	2	1	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
31	0	0	0	0	0	0	1	1	0	1	0	0	1	7	8	3	1	0	0	0	0	0	0	0	1	
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0.2	

PERCENTAGE OF DATA VALID - 81.2 PERCENTAGE OF DATA INVALID - 16.9 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	0	0
5	0	0	0	0	0	0	1	2	0	0	0	0	0	****	1	0	0	0	0	1	0	1	1	0	0
6	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
7	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	2	1	1	1	1	2	2	2	1	1
9	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 31.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 68.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD,MOBILE STATION, CORUNNA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB	0	0.4	****	1
MAR	20	0.4	2	7
APR	27	0.5	2	6
MAY	4	0.2	0	2
JUN		DATA UNAVAILABLE		
JUL		DATA UNAVAILABLE		
AUG	24	0.2	1	8
SEP	9	0.2	1	2
YEAR	84	0.3	2	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 14901 RIVERSIDE BLVD.MOBILE STATION. CORUNNA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN		DATA UNAVAILABLE						
FEB	10	0	0	0	0	0	0	10
MAR	495	3	0	0	0	0	0	498
APR	678	4	0	0	0	0	0	682
MAY	118	0	0	0	0	0	0	118
JUN		DATA UNAVAILABLE						
JUL		DATA UNAVAILABLE						
AUG	601	3	0	0	0	0	0	604
SEP	225	0	0	0	0	0	0	225
YEAR	2127	10	0	0	0	0	0	2137

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
49.2	0	0.0	0.0	0.0	0.0	0.8	1.2	2.3	3.5	8	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	3	3	1	0	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	1	1
3	1	0	0	0	0	1	1	2	3	2	3	2	2	2	****	****	****	-	-	-	-	-	-	-	******
4												- DATA UNAVAILABLE -													
5	-	-	-	-	-	-	-	-	-	-	-	-	****	****	3	4	6	4	5	6	6	6	5	4	******
6	2	2	2	2	3	5	5	5	5	5	3	2	4	2	2	3	4	3	2	1	1	1	2	2	3
7	1	2	1	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	0	1	1	2	4	3	2	2	1	1	1	2	2	4	4	10	10	5	2	3	2	3
9	1	1	0	0	0	0	1	2	2	****	2	2	2	2	3	4	6	4	3	2	2	1	2	2	2
10	3	1	1	1	1	1	4	5	7	5	4	3	2	1	1	1	2	1	1	1	1	2	2	1	2
11	1	1	4	4	4	5	14	27	36	21	9	3	2	2	3	3	4	6	22	23	24	25	19	10	11
12	5	2	2	1	1	2	2	3	4	1	2	2	1	2	1	2	5	8	10	9	7	7	5	3	4
13	3	2	1	1	2	1	1	2	3	2	2	2	2	2	1	2	3	2	1	2	1	2	2	2	2
14	4	6	2	2	1	2	1	1	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	1
15	0	0	0	0	0	1	2	3	4	3	2	3	2	2	1	2	3	2	3	3	1	2	2	3	2
16	1	1	0	0	1	1	2	3	4	3	2	1	****	3	3	3	6	10	19	14	16	11	11	8	5
17	3	2	1	0	0	1	2	3	4	3	5	11	3	2	2	2	1	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	2	9	2	3	2	0	1	3	2	1
19	9	3	0	1	2	3	5	9	5	2	1	1	1	****	2	3	2	2	1	1	2	2	0	1	3
20	0	0	0	1	0	1	2	2	2	2	3	4	3	2	3	3	2	2	4	3	3	4	3	2	2
21	2	1	1	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	0	****	0	0	0	1	0	1	1	1	1	1	2	1	2	0	1
23	0	0	0	0	0	1	1	3	1	1	1	2	2	2	1	1	2	0	0	1	0	1	0	0	1
24	0	0	0	0	0	0	1	1	1	2	1	1	2	1	2	3	2	2	5	4	5	3	3	2	2
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	0	0	0	5	3	1	1	1	****	1	2	1	1	1	1	1	0	1
27	0	0	0	0	0	0	0	0	1	1	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1
28	1	2	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	0	1	1	1	1	****	1	2	2	1	2	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	1
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	2	3	3	2	2	2	1	1	2	2	2	2	3	3	3	3	2	2	1.9

PERCENTAGE OF DATA VALIO - 92.7 PERCENTAGE OF OATA INVALID - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 5.8

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	2	2	1	1	1	1	0	****	1	1	1	2	3	2	4	5	10	14	2
3	21	31	25	19	17	20	18	14	12	9	7	4	1	1	1	2	2	2	4	1	1	4	1	1	9
4	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	****	-	1	1	1	1	1	1	2	2	2	2	1	1	2	4	1
6	2	2	2	3	4	3	9	10	12	8	5	3	2	2	2	3	2	3	2	1	1	1	1	1	4
7	2	3	3	3	3	5	6	7	4	2	2	2	2	2	2	2	3	5	7	7	2	1	1	1	3
8	1	1	1	0	1	0	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
9	0	0	0	0	0	0	0	1	2	1	1	1	1	1	****	****	3	3	9	13	9	5	5	6	3
10	2	3	2	1	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
11	2	2	2	1	2	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	5	4	4	2
12	4	2	2	1	1	2	2	2	2	2	2	3	2	2	2	2	2	2	3	3	2	2	2	2	2
13	2	2	1	1	1	1	1	2	2	2	1	1	1	1	****	1	1	1	2	4	3	3	4	4	2
14	6	4	1	2	0	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	1	0	1
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	2	1
18	1	2	1	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1
19	0	0	1	1	1	1	3	8	7	7	6	2	1	1	****	****	3	4	8	8	3	3	5	2	3
20	1	1	1	1	1	4	6	9	7	5	3	2	2	2	2	2	3	4	4	5	4	2	2	2	3
21	3	2	2	1	1	2	2	4	3	3	3	3	2	2	2	3	3	2	2	1	1	1	1	1	2
22	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	1
23	0	0	0	0	0	1	1	2	2	2	2	2	2	4	****	****	10	9	12	12	8	8	12	8	4
24	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
26	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
27	0	0	0	0	0	1	1	2	1	1	1	1	1	1	****	1	2	2	2	2	2	2	5	2	1
28	4	5	11	10	9	8	16	21	17	9	5	2	2	2	1	2	2	3	5	5	3	2	1	1	6
MEAN	2	2	2	2	2	2	3	4	3	2	2	1	1	1	1	1	2	2	3	3	2	2	2	2	2.1

PERCENTAGE OF DATA VALIO - 98.2 PERCENTAGE OF OATA INVALIO - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	3	3	2	4	2	2	4	4	7	6	9	11	14	10	4	2	1	4
2	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	****	7	3	4	6	6	5	1	1	2
3	1	1	1	1	1	1	3	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	0	1
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	4	2	2	2
5	2	1	1	0	0	1	2	2	3	3	3	3	3	3	4	0	****	****	****	7	3	3	3	2	2
6	1	1	0	1	1	1	2	5	4	3	3	2	2	1	****	2	3	2	2	2	4	5	6	10	3
7	4	3	3	2	2	3	5	7	3	2	1	1	1	1	1	1	1	1	2	1	1	1	2	3	2
8	1	1	0	0	1	1	2	5	2	1	1	1	1	1	1	1	1	1	1	2	2	2	4	5	2
9	7	7	10	13	17	21	23	15	13	5	4	2	0	0	1	1	1	1	1	1	1	1	2	1	6
10	2	2	2	1	1	1	2	2	2	2	3	3	3	1	1	1	2	2	1	1	1	1	1	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0
12	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	3	8	4	3	4	2	1
13	1	1	1	1	1	1	2	3	3	2	2	3	2	2	2	2	1	1	2	1	2	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	3	12	13	12	12	3
16	4	2	1	1	0	1	2	3	3	3	2	2	2	****	****	****	****	2	7	11	****	****	3	3	3
17	3	****	****	2	3	****	****	****	8	4	3	3	5	2	2	2	2	2	5	10	9	****	22	15	6
18	10	17	20	12	3	1	2	3	5	6	2	1	1	1	1	1	1	1	1	2	3	4	4	1	4
19	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
20	0	0	1	1	2	2	9	4	3	2	1	1	1	1	1	1	1	1	4	5	9	22	32	36	6
21	18	6	6	3	2	5	23	18	6	3	2	2	1	2	2	2	2	3	5	7	6	9	14	16	7
22	17	14	13	4	6	12	17	18	5	4	2	1	1	2	2	2	2	1	1	1	1	1	1	1	5
23	1	1	1	1	1	2	2	3	2	1	1	1	1	1	1	1	1	2	3	3	1	1	1	1	1
24	1	1	1	1	1	2	2	2	2	2	2	4	4	4	4	3	5	3	2	2	1	1	2	1	2
25	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	****	****	1	0	1	1	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	1
28	8	4	2	1	1	2	3	2	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1
29	1	1	1	1	1	5	5	5	4	3	2	2	2	****	****	1	3	3	3	4	2	1	1	1	2
30	1	0	0	0	0	0	0	2	2	3	2	2	2	2	2	2	4	3	6	7	3	3	2	2	2
31	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	2	2	2	1	2	4	4	3	2	2	2	1	1	1	1	2	2	2	3	3	3	4	4	2.4

PERCENTAGE OF OATA VALIO - 96.9 PERCENTAGE OF OATA INVALIO - 3.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNOS KING/RECTORY,LONOON MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	4	6	7	4	5	2	3	3	3	2	2	1	1	1	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	2	2	2	1	1
4	1	0	0	0	0	0	1	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	3	4	2	1	1	1	1	1	0	1
6	0	1	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	1	1	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1
8	3	1	1	0	0	0	0	1	1	1	1	0	0	2	1	1	1	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	1	1	0	0	0	0	0
10	0	0	0	0	0	0	2	2	1	1	1	1	1	0	0	1	1	1	1	1	2	2	3	3	1
11	5	6	3	3	1	1	2	2	1	1	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0
13	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
14	0	0	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	1	1	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
19	0	0	0	1	1	2	2	1	0	0	0	0	0	****	0	0	1	1	1	1	1	2	3	4	1
20	7	9	13	13	11	12	13	17	4	2	1	1	1	1	1	1	2	2	5	3	5	5	5	8	6
21	2	3	5	5	2	2	2	1	1	1	1	2	2	1	1	2	4	1	2	4	3	2	4	1	2
22	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2	3	8	14	24	3
23	15	10	3	3	2	2	8	6	4	****	****	1	1	1	1	1	1	2	6	6	6	9	15	14	5
24	10	7	5	4	2	2	3	5	3	1	2	1	1	1	1	1	1	1	1	1	2	3	1	1	3
25	1	1	1	1	1	1	2	4	5	1	2	2	1	1	1	1	1	1	4	5	3	2	1	1	2
26	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	3	7	8	1	1	1	0	2
27	0	0	0	0	0	0	0	0	0	****	****	1	1	1	1	1	1	1	1	1	1	1	1	0	1
28	0	0	0	0	0	0	0	0	0	0	1	1	4	3	2	1	1	1	1	1	1	1	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	1	1	1	1	2	1	1
30	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1
MEAN	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1.2

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	0	0	0	****	1	1	1	0	0	0	0	0	4	14	9	1
2	7	5	6	8	9	14	14	6	1	1	0	1	1	1	0	1	1	1	1	1	1	2	1	0	3
3	0	0	0	0	0	1	1	1	1	1	1	1	****	****	2	1	1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2	1	1	1	2	3	1	1	0	1
5	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	3	1	1	0	1	0	0	1
6	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0
7	0	0	0	0	1	1	2	2	1	1	****	1	1	1	1	1	1	1	1	1	1	2	1	1	1
8	1	1	1	1	1	1	2	3	****	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
9	2	2	5	2	5	12	10	5	3	2	2	2	2	2	2	2	2	3	3	3	5	6	8	4	4
10	2	2	2	2	2	3	5	4	4	3	3	4	3	2	2	3	3	3	3	5	6	7	6	6	4
11	6	6	6	6	6	7	9	9	7	6	6	6	****	****	1	3	5	6	6	5	6	6	6	5	6
12	5	4	4	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
14	0	0	0	1	1	4	5	3	1	1	1	1	1	1	1	1	1	2	3	0	0	1	0	0	1
15	0	0	0	0	0	1	1	1	****	****	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	1	2	6	8	7	1
17	13	9	4	4	5	15	16	4	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	3
18	0	0	0	0	1	5	7	6	****	1	0	1	0	0	0	0	0	0	0	1	5	9	2	0	2
19	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1
20	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	4	6	1
21	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
22	3	1	2	3	2	5	6	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	1	1	1	1	3	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0
24	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	1	2	1	1	1	1	0	1	1
25	0	0	0	0	0	0	0	1	0	0	1	1	****	****	1	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1
27	3	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	1	1	1	2	1
28	1	1	1	4	1	4	8	6	3	1	0	0	1	1	1	1	1	1	1	0	1	2	3	1	2
29	4	6	8	9	8	9	14	19	18	7	3	1	1	1	2	1	2	1	0	1	5	6	11	7	6
30	4	2	1	1	0	2	1	2	1	2	0	0	0	0	1	1	1	1	2	0	3	9	14	12	3
31	10	9	5	3	6	6	5	1	0	0	0	0	****	0	0	0	0	0	1	1	1	1	0	0	2
MEAN	2	2	1	2	2	3	4	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1.6

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	0	0	0	1	1	1	1	2	3	3	5	6	6	4	2	2	2	4	2
2	5	5	4	4	4	3	3	3	2	3	2	2	2	2	2	1	1	2	3	2	2	4	4	1	3
3	2	1	1	1	2	3	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	3	1	2
4	1	2	3	0	1	5	7	5	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1	1	1	1	2	2	0	1
6	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	4	1	1
7	1	1	1	1	2	3	4	4	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1	2
8	1	1	1	1	1	2	3	3	2	1	2	2	2	1	****	****	****	****	****	****	****	****	****	****	******
9												- DATA INVALID -													
10												- DATA INVALID -													
11	****	****	****	****	****	****	****	****	****	****	****	0	0	****	0	0	0	0	0	0	0	0	0	0	******
12	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
13	5	2	2	2	6	11	18	4	0	0	0	0	0	0	0	0	0	1	2	1	1	5	7	5	3
14	5	5	4	2	4	6	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	1	1	1	2	2	3	3	2	2	2	2	2	****	****	0	1	1	1	1	1	1	1	4	2	2
16	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
17	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	2	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	2	3	5	1	1
19	2	3	3	3	2	6	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
21	2	2	2	2	2	2	3	3	2	3	3	2	2	2	2	3	4	4	4	7	8	6	5	5	3
22	5	5	5	4	4	5	5	8	6	5	5	4	4	3	3	2	2	2	1	1	1	1	1	1	3
23	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	1	1	0	0
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0
25	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	2	3	0	1	5	25	17	2
26	9	5	3	3	3	9	8	3	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
27	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	3	6	12	2
29	8	4	1	0	0	1	3	3	1	1	1	1	****	0	1	1	2	2	2	2	2	2	2	2	2
30	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	1	1	2	3	3	2	1	1	1	1	1	1	1	1	1	1	2	1	1	2	3	2	1.6

PERCENTAGE OF DATA VALID - 89.6 PERCENTAGE OF DATA INVALID - 10.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	2	2	2	2	3	3	2	2	2	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
3	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
4	0	0	0	0	0	0	0	2	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	1	1	1	1	2	3	2	0	0	0	0	****	****	0	0	0	0	0	1	1	3	6	5	1
7	6	4	3	2	3	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	2	8	11	12	3
8	12	16	14	7	6	5	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
9	0	1	1	2	2	2	4	4	3	3	3	2	2	****	****	1	1	1	2	2	2	2	2	2	2
10	1	1	1	2	2	2	3	3	1	0	1	1	0	1	1	1	0	0	0	0	1	6	7	12	2
11	6	2	1	1	1	2	3	2	1	0	1	0	0	-	-	-	-	-	-	-	-	-	-	-	******
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	****	2	3	3	3	3	3	3	2	2	2	2	2	3	3	******
17	2	2	2	2	2	3	4	3	3	3	3	3	3	3	****	2	2	2	2	2	2	2	2	2	2
18	1	1	1	1	1	2	2	2	2	1	1	1	2	2	2	2	2	2	2	2	3	3	6	7	2
19	4	7	6	7	7	10	13	12	****	****	1	1	1	1	1	1	1	1	1	1	2	2	2	1	4
20	1	1	1	1	2	6	9	10	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	7	2
21	7	8	5	4	6	7	8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1
23	2	2	2	2	2	3	4	3	3	4	5	5	5	4	4	4	4	4	4	3	3	4	4	5	4
24	5	6	6	6	6	6	8	7	6	6	6	6	6	6	6	5	5	5	5	4	4	4	4	4	6
25	4	4	4	4	5	5	5	5	5	4	4	4	4	5	4	5	5	5	5	6	6	6	5	5	5
26	6	6	6	6	6	7	7	7	7	6	6	6	6	6	5	5	6	5	4	4	4	4	4	6	6
27	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	****	****	1	1	2	3	3	2	2	3
28	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	5	3	3
29	4	3	2	2	1	2	2	2	1	1	1	1	1	1	1	2	2	2	1	1	2	3	5	6	2
30	9	7	9	7	5	7	8	4	4	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
31	1	1	1	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	2	3	2	2	2	2
MEAN	3	3	3	3	3	3	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2.4

PERCENTAGE OF DATA VALID - 82.8 PERCENTAGE OF DATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 15.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	3	2
2	2	2	2	2	2	3	4	4	3	2	3	3	2	****	****	2	2	2	2	3	4	4	3	2	3
3	2	2	2	1	2	4	11	9	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
4	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
7	1	1	1	1	1	1	3	3	2	1	****	1	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	2	4	6	2	4	8	7	3	3	3	2	3	2	2	2	2	2	2	2	2	1	1	2	3
9	2	1	1	1	2	2	4	3	2	2	1	2	2	1	1	1	2	2	2	1	1	1	1	1	2
10	2	2	2	2	2	2	2	2	****	****	7	7	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	0	1	2	8	9	6	2	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
16	0	0	0	1	4	5	2	1	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	1	1
17	1	1	2	1	2	3	5	2	1	1	0	0	0	****	0	0	0	0	0	0	0	0	1	1	1
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	4	4	4	4	4	4	3	2
19	3	2	2	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1	0	1
20	0	0	0	0	0	1	3	3	2	1	0	0	0	0	0	0	0	0	0	3	4	3	1	1	1
21	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	7	2	7	1
22	2	1	0	1	1	2	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	2
24	2	2	2	2	3	3	3	3	3	3	****	3	3	****	****	****	1	2	2	2	3	3	3	2	3
25	2	2	2	2	1	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1
26	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	2	3	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
31	1	1	0	0	0	1	6	9	4	1	0	0	0	0	****	0	0	0	0	0	2	2	3	3	1
MEAN	1	1	1	1	1	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEM.LUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0
3	0	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0
4	0	0	0	0	0	1	2	4	3	2	0	0	0	0	0	0	0	0	0	1	2	2	6	3	1
5	1	0	0	0	0	1	3	3	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	3	3	0	****	17	0	0	0	1	0	0	0	1	0	0	0	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2	3	4	1
9	4	0	1	2	2	3	3	1	0	0	0	0	0	****	0	0	0	0	0	1	3	4	1	0	1
10	4	0	0	0	1	1	1	0	****	0	0	0	****	0	0	0	1	2	2	2	2	2	1	1	1
11	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	-	0	0	0	0	0	1	1	0	0
12	0	0	0	0	0	3	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	2
14	3	3	3	3	3	3	3	3	2	10	0	****	0	0	0	0	0	0	1	4	3	4	2	0	2
15	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	2	11	19	5	5	3	3
16	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2	2	4	0	1	1
17	1	1	0	0	0	1	7	4	1	0	****	0	0	0	0	0	0	0	1	0	0	0	1	1	1
18	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2	2	1	1	0	0	1
19	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	4	1
20	3	3	S	4	1	3	10	17	7	0	0	1	1	1	0	0	0	0	0	1	1	1	2	1	3
21	0	0	0	1	1	1	3	4	2	1	1	1	****	****	1	1	0	1	1	1	1	2	1	0	1
22	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
23	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0
24	0	0	0	0	0	1	6	4	****	****	0	0	0	0	0	0	0	0	1	2	1	1	0	0	1
25	0	1	2	1	2	8	24	24	14	1	0	0	0	0	0	0	0	0	1	0	5	13	23	18	6
26	0	0	0	0	0	S	16	11	2	0	0	0	0	0	0	0	0	0	1	2	3	5	7	9	3
27	7	S	5	5	9	9	16	1S	11	1	0	0	0	0	0	0	0	0	1	1	2	1	1	1	4
28	2	0	0	0	0	2	2	2	1	2	1	1	2	2	****	2	2	2	2	4	2	1	2	4	2
29	10	6	3	3	1	1	3	6	4	2	1	1	0	0	0	0	0	0	1	1	0	1	0	3	2
30	6	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	2	4	4	2	1	1	0	0	0	0	0	0	0	1	1	2	2	2	2	1.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	1	1	0	0	0	0	****	0	0	0	1	1	1	2	1	-	0	0
2	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	2	1	0	0	1	1	1	1	0	1	1	0	0	0	0	0
4	0	0	0	0	0	1	4	4	3	2	0	0	0	0	0	0	0	0	2	2	3	4	2	2	1
5	0	1	0	1	3	6	12	15	7	4	****	****	****	0	1	1	1	1	1	1	1	1	1	1	3
6	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	-	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	-	****	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	-	-	0	****	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
12	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	******
13	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	-	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
16	- DATA INVALID -																								
17	- DATA INVALID -																								
18	- DATA INVALID -																								
19	- DATA INVALID -																								
20	- DATA INVALID -																								
21	- DATA INVALID -																								
22	- DATA INVALID -																								
23	- DATA INVALID -																								
24	- DATA INVALID -																								
25	- DATA INVALID -																								
26	- DATA INVALID -																								
27	- DATA UNAVAILABLE -																								
28	- DATA INVALID -																								
29	- DATA INVALID -																								
30	- DATA INVALID -																								
31	- DATA INVALID -																								
MEAN	1	1	1	1	1	1	2	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 41.4 PERCENTAGE OF DATA INVALID - 50.1 PERCENTAGE OF DATA UNAVAILABLE - 8.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	14	9	7	8	7	10	14	11	******
15	7	6	5	5	6	6	8	8	11	9	8	8	8	8	8	9	10	9	9	7	6	6	5	5	7
16	5	5	5	5	4	4	5	8	8	5	5	6	7	6	4	2	3	6	4	4	1	1	1	2	4
17	1	1	0	0	0	0	0	1	2	4	2	2	3	2	1	1	5	8	18	35	50	50	71	49	13
18	41	52	47	37	33	30	24	19	16	6	3	1	2	1	1	1	1	2	6	5	11	1	1	1	14
19	0	0	0	2	5	7	12	17	18	15	****	****	0	0	0	1	2	2	1	0	0	0	0	0	4
20	0	0	0	0	0	0	2	2	3	3	1	0	0	0	0	0	0	1	1	3	2	1	3	1	1
21	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	1	-	1	1	0	1	4	2	1
22	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	-	0	3	-	-	1	1	1	1	1	3	4	3	3	2	1	1	-	1
24	2	-	-	-	-	-	-	-	0	0	0	0	1	0	0	1	4	5	6	10	10	****	5	6	3
25	10	18	11	6	4	2	0	0	0	0	0	0	0	1	2	1	0	****	****	****	****	****	****	****	3
26	****	****	****	****	****	****	****	0	0	****	****	****	****	****	****	0	1	0	0	1	0	0	1	0	******
27	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	6	5	3	3	1	0	0	1	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	1	1	0	0	0	0
29	0	0	0	0	0	0	1	3	4	3	1	1	****	****	****	****	-	****	3	2	1	1	2	1	1
30	1	0	0	0	0	0	0	1	1	2	1	2	2	2	2	3	5	5	7	7	4	4	4	3	2
MEAN	5	6	5	4	4	4	4	4	4	4	2	2	2	2	2	2	4	4	4	6	6	5	7	5	4.0

PERCENTAGE OF DATA VALID - 47.8 PERCENTAGE OF DATA INVALID - 49.6 PERCENTAGE OF DATA UNAVAILABLE - 2.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	****	1	3	6	4	3	1	1	0	2
2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	2	2	1	0	0	1	2	1	2	1
3	1	1	1	1	0	1	2	4	5	2	1	1	1	1	2	-	****	2	3	2	0	1	1	1	2
4	0	0	0	0	0	1	2	3	4	3	3	1	1	1	1	2	4	8	4	4	3	2	2	2	2
5	2	1	1	0	0	1	1	2	2	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	1	5	5	2	2	3	3	3	4	11	9	6	5	4	3	3	3	3	3
7	2	1	1	2	3	3	2	2	3	2	3	2	2	2	****	3	4	2	5	3	2	3	1	1	2
8	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	0	1	1	1	0
9	1	1	0	0	0	0	0	1	1	1	2	1	3	3	4	5	4	2	1	1	1	2	2	3	2
10	2	1	1	2	3	4	10	19	20	6	3	3	2	4	6	4	8	5	4	3	1	2	1	1	5
11	0	0	0	0	0	0	1	2	3	2	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	0	0	1
13	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	3	2	1	1	0	1	1	0	1
14	1	1	1	1	0	0	0	1	2	1	****	2	2	****	****	****	2	3	3	7	8	8	5	11	3
15	8	8	10	9	4	4	4	4	3	4	2	2	4	4	2	3	6	9	8	7	4	3	2	1	5
16	1	0	0	0	0	0	1	2	2	3	2	2	3	1	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1	0	1	1	1	1	0	0
18	0	0	1	1	1	1	2	4	6	5	4	4	4	4	4	4	5	5	5	5	3	0	0	1	3
19	0	0	0	0	0	0	1	2	4	4	4	4	3	3	2	3	4	3	2	2	1	0	1	0	2
20	0	0	0	0	0	0	1	2	3	3	3	3	3	4	4	4	6	8	8	8	8	9	10	9	4
21	9	6	6	5	5	5	6	10	9	****	4	3	3	3	3	3	5	6	4	4	3	2	2	3	5
22	3	1	1	1	1	2	2	2	2	3	4	6	7	6	7	6	6	5	4	3	3	2	2	2	3
23	1	2	2	2	1	1	0	0	3	4	3	4	5	4	3	4	5	7	6	5	6	8	8	8	4
24	4	4	3	4	1	1	1	1	2	2	1	2	2	3	4	4	4	2	2	1	2	1	1	2	2
25	2	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	4	5	5	3	2	2	2	1	1
29	1	1	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	4	4	3	5	5	3	3	2
30	2	2	2	2	2	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	-	0
MEAN	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	2	2	2	2	2	1.9

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	1.9	11	36
FEB	28	2.1	9	31
MAR	31	2.4	7	36
APR	30	1.2	6	24
MAY	31	1.6	6	19
JUN	26	1.6	3	25
JUL	25	2.4	6	16
AUG	31	1.2	3	11
SEP	30	1.3	6	24
OCT	12	0.9	3	15
NOV	15	4.0	14	71
DEC	31	1.9	5	20
YEAR	318	1.8	14	71

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SW NO 15001 WESTERN FAIR GROUNDS KING/RECTORY,LONDON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	652	23	8	6	1	0	0	690
FEB	609	32	15	3	1	0	0	660
MAR	655	34	25	5	2	0	0	721
APR	682	18	10	1	0	0	0	711
MAY	663	54	13	0	0	0	0	730
JUN	623	17	4	1	0	0	0	645
JUL	543	65	8	0	0	0	0	616
AUG	716	13	1	0	0	0	0	730
SEP	675	16	12	3	0	0	0	706
OCT	304	2	2	0	0	0	0	308
NOV	275	43	14	2	3	5	2	344
DEC	681	47	4	0	0	0	0	732
YEAR	7078	364	116	21	7	5	2	7593

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
86.7	0	0.0	0.0	0.5	1.4	3.8	5.9	10.0	14.8	71	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JAN 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0
10	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	1	0	1	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0
13	0	0	1	1	2	2	2	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
16	1	1	1	1	1	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1
17	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	0	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0
21	3	4	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0
24	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
25	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF OATA VALIO -100.0 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA I5 UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM 5IMCOE MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	3	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1
7	0	0	1	1	0	0	0	0	1	1	2	2	2	2	2	2	1	1	0	0	0	1	0	0	1
8	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0
10	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	1	1	1	1	1	3	3	5	3	1	1	2	3	1	0	0	1
13	0	0	0	0	0	0	0	0	1	1	0	1	0	****	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	1	2	3	3	2	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	1	2	****	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0
21	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	1
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF OATA VALIO - 99.6 PERCENTAGE OF OATA INVALIO - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTE5 1. "*****" INOICATE5 INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA IS UNAVAILABLE

3. "******" INOICATE5 LES5 THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	1
2	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0
3	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
7	0	0	0	0	0	1	0	1	1	1	1	1	0	4	3	1	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	2	2	1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	2	2	1	0	0	1	****	0	0	0	0	0	0	1	0	0	0	0
10	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0
15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
18	0	0	2	4	3	1	1	1	2	3	3	2	1	1	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	3	5	1	0	0	0	0	0	1	0	0	0	0
21	0	0	1	0	0	2	2	2	1	2	1	0	1	1	1	1	0	0	0	0	0	0	0	0	1
22	0	0	1	0	0	2	1	3	3	2	2	1	0	0	0	0	1	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	1	1	1	2	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1
9	0	0	0	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1
10	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
14	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
15	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
16	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0
18	0	0	0	0	0	0	0	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	****	****	1	0	1	1	1	1	1	1	1	1	1	1	1	1
24	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1
25	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1
26	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
29	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0
30	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	1	1	0	0
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - MAY 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
2	0	0	0	0	0	0	0	1	1	1	0	1	1	1	2	2	1	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	1	0	****	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	1	1	1	3	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	1	****	1
9	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
18	0	0	0	0	0	1	1	1	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
28	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	****	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF OATA VALIO - 98.4 PERCENTAGE OF OATA INVALIO - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 1.2

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC N0 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUN 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
19	0	0	0	0	0	0	1	1	1	0	****	****	0	0	0	0	0	0	0	0	0	0	1	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF OATA VALIO - 99.7 PERCENTAGE OF OATA INVALIO - 0.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
13	0	0	0	0	0	1	****	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	0	0	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
23	0	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	****	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0	0	0	0
28	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0
30	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0
2	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
3	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
4	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
6	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	1	1	****	2	1	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1	0	0	1
10	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	2	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0
14	0	0	0	0	0	0	1	1	1	1	1	****	3	0	1	2	1	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	3	4	3	1	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	1	1	0	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
29	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
MEAN	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF OATA INVALID - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	1
5	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0
9	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
10	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0
16	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
17	0	0	0	1	0	0	1	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
21	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	1	0	0	0	1	1	1
23	0	1	0	0	0	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	0	0	0	0
25	0	0	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	2	0	0	0	0	0	1	1	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0
28	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	1	0	0	0	0	1	1	0
MEAN	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID -100.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
2	0	0	0	0	0	1	1	1	2	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0
3	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
7	2	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
9	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	0	1	1	1	1	1	1	1	1	2	1	1	1	0	0	1	1	1	0	0	0	0	1
11	2	1	1	1	1	1	1	4	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1
15	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	0	2	0	0	0	0	1
16	1	0	0	0	0	1	1	1	****	0	1	1	2	2	2	1	1	1	1	1	0	0	0	0	1
17	1	0	0	1	1	1	2	2	5	2	2	0	0	1	1	1	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
19	0	1	0	0	0	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	1	0	1
20	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	1	1	1	****	****	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
24	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESCURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	3	0	0	0	0	1	1	0
3	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0
5	0	0	1	1	0	0	0	1	1	1	1	1	0	1	1	1	2	2	1	2	1	1	1	1	1
6	0	1	1	1	0	1	1	1	2	3	3	2	1	1	1	1	1	1	1	1	0	0	0	1	1
7	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0
8	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	0	0	0	0	1	0	0	0
9	0	1	1	1	1	1	2	1	0	1	1	1	1	1	1	2	2	2	2	1	0	0	0	0	1
10	0	0	1	1	0	0	0	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1
11	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	1	0	0	1	1	0	0	0	1	0
12	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1	1	0	1	1	1	0
13	0	0	1	1	0	0	0	2	4	4	2	1	1	1	0	0	0	0	0	0	0	1	0	0	1
14	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1
1S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
17	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	S	5	2
19	3	2	2	3	3	4	3	7	4	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	2
20	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
21	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0
23	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0
24	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	2	1	1	1
2S	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0
26	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0.5

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF OATA INVALIO - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	3	2	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
4	-	-	-	-	-	-	-	-	-	-	1	1	1	1	0	0	0	0	0	0	1	1	0	1	******
5	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	5	3	1	1	2	1	1	1	1	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0
15	2	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0
19	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	1	2	3	3	2	1	0	0	0	1
20	1	1	1	2	2	1	1	1	2	4	4	3	3	2	2	2	1	1	2	3	3	2	2	1	2
21	0	0	0	0	0	0	0	1	2	3	3	1	1	1	1	1	0	0	0	1	1	0	0	0	1
22	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	1	1	1	1	1	1	1
25	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/2 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	0.3	1	4
FEB	28	0.3	1	5
MAR	31	0.2	1	5
APR	30	0.4	1	2
MAY	30	0.1	1	3
JUN	30	0.0	0	1
JUL	31	0.1	0	1
AUG	31	0.2	1	4
SEP	30	0.3	1	4
OCT	31	0.5	1	5
NOV	30	0.5	2	7
OEC	30	0.3	2	5
YEAR	363	0.3	2	7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22071 EXPERIMENTAL FARM SIMCOE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	744	0	0	0	0	0	0	744
FEB	669	0	0	0	0	0	0	669
MAR	741	0	0	0	0	0	0	741
APR	715	0	0	0	0	0	0	715
MAY	732	0	0	0	0	0	0	732
JUN	718	0	0	0	0	0	0	718
JUL	741	0	0	0	0	0	0	741
AUG	741	0	0	0	0	0	0	741
SEP	720	0	0	0	0	0	0	720
OCT	741	0	0	0	0	0	0	741
NOV	717	1	0	0	0	0	0	718
DEC	734	0	0	0	0	0	0	734
YEAR	8713	1	0	0	0	0	0	8714

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT									ARITH	
	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
99.5	0	0.0	0.0	0.0	0.0	0.6	0.9	1.1	1.8	7	0.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RD.3 KM S OF HWY 3, NANTICOKE MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	1	2	3	2	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	1
2	0	1	1	0	0	0	1	1	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3												- OATA INVALIO -													
4												- DATA INVALID -													
5												- OATA INVALIO -													
6												- OATA INVALID -													
7												- OATA INVALIO -													
8												- OATA INVALID -													
9												- OATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- OATA UNAVAILABLE -													
14												- OATA UNAVAILABLE -													
15												- OATA UNAVAILABLE -													
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	0	0	0	0	0	0	0	0	0	******
17	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
19	0	0	0	1	1	1	1	1	2	2	2	1	0	1	1	1	1	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0
21	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
28	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALIO - 53.9 PERCENTAGE OF DATA INVALID - 20.0 PERCENTAGE OF DATA UNAVAILABLE - 26.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - FEB 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	1	1	1	3	2	1	1	1	1	1	1	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	2	1	1	1	2	4	0	0	1	0	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	1	1	1	2	2	2	2	1	1	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	2	3	3	2	1	1	1	0	0	1	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	2	0	0	0
13	0	0	0	0	0	0	0	1	1	1	****	2	2	1	****	1	1	1	1	0	0	0	0	0	1
14	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	1	1	2	4	5	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	1	-	-	-	-	-	-	1
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALIO - 98.5 PERCENTAGE OF OATA INVALIO - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.9

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	1	1	0	1	0	1	1	0	0	0	0	0	0	0	******
2	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	1	****	****	1	1	0	0	0	0	0	0	2	2	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	4	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	2	1	2	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	2	3	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALIO - 84.3 PERCENTAGE OF OATA INVALIO - 0.S PERCENTAGE OF DATA UNAVAILABLE - 1S.2

NOTES 1. "*****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RD,3 KM S OF HWY 3, NANTICOKE MONTH - APR 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	1	0	0	****	0	0	****	****	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0

PERCENTAGE OF OATA VALIO - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	2	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	3	8	6	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	1	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	3	2	1	1	0	0	1	4	0	0	1	0	1	1	1	0	0	0	1
19	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
21	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	1	0	0	0	1	1	1	****	1	1	1	1	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
28	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	1	1	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
31	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
18	0	0	0	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	2	1	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	1	1	0	0	0	0	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
23	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	5	8	2	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	0	0	4	6	2	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0
13	0	0	0	0	0	1	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	2	2	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 97.7 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	1	1	0	0	0	0	0	0	0	****	****	0	0	1	1	1	1	1	1	1	1	1	1	2	1
12	0	0	0	1	0	1	2	2	2	1	2	1	0	0	0	1	1	1	1	1	0	0	0	1	1
13	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1
14	0	0	0	1	1	1	1	1	1	1	2	1	0	0	0	0	0	1	1	1	1	1	1	1	1
15	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1
16	0	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	1	1	1	1	1	1	1	1
17	0	0	0	0	1	1	1	1	1	1	1	2	0	0	0	0	0	0	1	1	1	1	1	2	1
18	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1
19	0	0	0	0	1	1	1	1	1	1	1	2	0	0	0	0	0	0	1	1	1	1	1	2	1
20	0	0	0	0	1	1	2	3	2	2	2	2	0	0	0	0	1	1	1	1	1	1	2	2	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	0
22	0	0	0	0	0	1	1	1	2	2	2	2	0	0	0	0	0	1	1	1	1	1	1	1	1
23	0	0	0	1	1	1	1	1	2	2	2	2	0	0	0	0	1	1	1	1	1	1	1	1	1
24	0	0	0	1	1	1	1	2	2	2	2	2	0	0	0	0	0	1	1	1	1	1	1	1	1
25	0	0	0	0	0	0	0	0	0	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0
29	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	1	1	0.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD.3 KM S OF HWY 3, NANTICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
8	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	0	1	1	0	0
9	0	D	0	0	0	0	0	D	0	0	D	0	0	0	0	0	0	0	0	0	0	0	1	1	0
10	0	1	1	1	1	1	2	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 59.1 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 40.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM S OF HWY 3, NANTICOKE MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	****	1	1	2	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	2	3	3	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
8	0	2	0	0	1	1	0	0	3	6	2	****	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	1	3	5	5	3	0	0	1	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	2	1	3	5	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
18	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	0	2	4	3	1	0	1
19	0	1	2	3	3	2	4	5	6	3	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
25	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
28	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF OATA VALIO - 99.6 PERCENTAGE OF OATA INVALIO - 0.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIOE RO.3 KM S OF HWY 3, NANTICOKE MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	3	3	1	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	6	6	2	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	0	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	0	0	1	0
16	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	2	2	3	3	3	2	0	1	2	2	1	0	1	0	1
21	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF OATA VALIO - 99.7 PERCENTAGE OF OATA INVALIO - 0.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	0.2	1	3
FEB	28	0.3	1	5
MAR	25	0.1	1	4
APR	30	0.0	0	3
MAY	31	0.2	1	8
JUN	30	0.1	0	2
JUL	31	0.1	1	8
AUG	30	0.1	1	6
SEP	30	0.4	1	6
OCT	18	0.1	1	3
NOV	30	0.2	1	6
DEC	31	0.2	1	8
YEAR	330	0.2	1	8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 22086 CHEAPSIDE RD,3 KM S OF HWY 3, NANTICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	401	0	0	0	0	0	0	401
FEB	662	0	0	0	0	0	0	662
MAR	627	0	0	0	0	0	0	627
APR	717	0	0	0	0	0	0	717
MAY	736	2	0	0	0	0	0	738
JUN	715	0	0	0	0	0	0	715
JUL	741	1	0	0	0	0	0	742
AUG	726	1	0	0	0	0	0	727
SEP	714	1	0	0	0	0	0	715
OCT	440	0	0	0	0	0	0	440
NOV	715	2	0	0	0	0	0	717
DEC	738	4	0	0	0	0	0	742
YEAR	7932	11	0	0	0	0	0	7943

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
90.7	0	0.0	0.0	0.0	0.0	0.3	0.7	1.0	1.8	8	0.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
2	1	0	1	1	1	1	1	1	0	1	1	-	1	1	1	1	1	1	1	1	1	1	1	0	1
3	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
4	- DATA INVALID -																								
5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	******
6	1	1	1	1	1	0	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	****	****	****	****	****	****	****	1	1	1	1	1	1	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	1	1	1	1	******
9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
15	0	0	0	0	0	0	0	0	0	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	3	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	****	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
21	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	0	0	1	0	1
23	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	0	0	0	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	0	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	****	-	-	-	-	-	-	-	-	-	-	******
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 83.9 PERCENTAGE OF DATA INVALID - 14.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	******
4	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	2	2	2	1	2	1	1	1	1	0	0	0	0	0	0	0	1
7	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	****	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	****	****	****	0	1	1	1	****	****	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	1	1	1	1	1	1	1	1	****	1	****	****	2	5	2	1	1	1	2	2	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1
14	- DATA UNAVAILABLE -																								
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	1	1	1	1	1	1	1	******
16	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	0	0	0	1
17	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	6	3	5	2	4	0	0	0	0	1
18	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	2	1	****	1	1	1	1	1	0	0	0	1	1	0	1
20	0	0	0	1	0	0	0	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
21	1	2	1	1	1	1	1	1	1	1	2	1	1	****	****	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	1	1	1	3	2	2	2	1	2	2	1	1	1	1	1	1	1
26	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	4	4	3	****	-	3	2	2	1	1	1	1	1	1	1	1	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 82.3 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 15.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	****	****	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	****	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	2	****	3	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	3	3	3	3	3	3	****	2	1	1	1	1	1	1	1	1	2
18	1	1	1	1	1	1	3	4	4	5	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	****	****	1
26	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	0	0	0	0	******
27	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
28	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 94.5 PERCENTAGE OF DATA INVALID - 5.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	****	-	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	-	0	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	-	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	2	1	1	-	1	1	1	1	1	1	2	2	1	1	1	1	1	1
26	2	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - MAY 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	1	1	1	1	0	1	0	0	1	1	1	1	1	-	-	-	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
3	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
7	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11	2	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2
16	1	1	1	1	1	1	1	1	1	-	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1
17	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1
18	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
20	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	0	0	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1
2S	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	-	-	-	1	1	1	1	1	0	0	0	1	1	1	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
31	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF DATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - JUN 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1
2	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
S	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	2	2
6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	2	2	2	2	2	2	2	2	2	2	2	-	3	3	3	****	****	****	****	****	****	****	****	****	******
B												- DATA INVALID -													
9	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	12	S	3	2
11	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	****	****	****	****	****	3	3	2	2	2	2	2	2	2	2	3	2
13	4	4	4	S	5	S	6	S	4	3	-	3	3	3	3	3	3	3	2	2	2	2	2	2	3
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1S	2	2	2	2	2	2	2	2	2	2	2	-	3	3	5	7	10	12	13	14	14	-	-	-	S
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
1B												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- DATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
29												- DATA UNAVAILABLE -													
30												- DATA UNAVAILABLE -													
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	1.9

PERCENTAGE OF OATA VALIO - 42.6 PERCENTAGE OF DATA INVALID - 6.4 PERCENTAGE OF DATA UNAVAILABLE - 51.0

NOTES 1. "*****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - SEP 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA UNAVAILABLE -													
2												- OATA UNAVAILABLE -													
3												- OATA UNAVAILABLE -													
4												- OATA UNAVAILABLE -													
5												- OATA INVALIO -													
6	****	****	****	****	****	****	****	****	****	****	-	-	-	1	1	2	2	2	2	2	1	1	1	1	******
7	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
9	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	0	0	0	0	0	0	0	-	0	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	0	1	1	1	1	-	1	1	1	1	0	1	****	****	****	****	****	****	****	****	******
23												- OATA INVALIO -													
24												- OATA INVALIO -													
25												- OATA INVALIO -													
26												- OATA INVALIO -													
27												- OATA INVALIO -													
28												- OATA INVALIO -													
29												- OATA INVALIO -													
30												- OATA INVALIO -													
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF OATA VALIO - 52.9 PERCENTAGE OF OATA INVALIO - 31.0 PERCENTAGE OF OATA UNAVAILABLE - 16.1

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA INVALIO -													
2												- OATA INVALIO -													
3												- OATA INVALIO -													
4												- OATA INVALIO -													
5												- OATA INVALIO -													
6												- OATA INVALIO -													
7												- OATA INVALIO -													
8												- OATA INVALIO -													
9												- OATA INVALIO -													
10												- OATA INVALIO -													
11												- OATA INVALIO -													
12												- OATA INVALIO -													
13												- OATA INVALIO -													
14												- OATA INVALIO -													
15												- OATA INVALIO -													
16												- OATA INVALIO -													
17												- OATA INVALIO -													
18												- OATA INVALIO -													
19	****	****	****	****	****	****	****	****	****	****	****	-	-	-	-	-	5	5	4	3	3	3	3	3	******
20	4	4	3	3	3	3	3	4	4	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
21	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	5	5	5	5	4
22	5	5	5	5	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	6	6	5	5	6	6	-	-	-	****	****	****	****	****	****	****	****	****	****	******
24												- OATA INVALIO -													
25												- OATA INVALIO -													
26												- OATA INVALIO -													
27												- OATA INVALIO -													
28												- OATA UNAVAILABLE -													
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	******
30	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	******
MEAN	5	5	4	4	5	5	5	5	5	5	5	4	4	4	4	4	5	5	4	4	4	4	4	4	4.6

PERCENTAGE OF OATA VALIO - 17.7 PERCENTAGE OF OATA INVALIO - 72.0 PERCENTAGE OF OATA UNAVAILABLE - 10.2

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA INVALIO -													
2												- OATA INVALIO -													
3												- OATA INVALIO -													
4												- OATA INVALIO -													
5												- OATA INVALIO -													
6												- OATA INVALIO -													
7												- OATA INVALIO -													
8												- OATA INVALIO -													
9												- OATA INVALIO -													
10												- OATA INVALIO -													
11												- OATA INVALIO -													
12												- OATA INVALIO -													
13												- OATA INVALIO -													
14												- OATA INVALIO -													
15	****	****	****	****	****	****	****	****	****	****	****	****	-	2	2	2	1	1	2	2	2	2	2	2	******
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2
17	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	3	3	2	2	2	2	2	2	1	1	2	2	-	1	1	1	1	1	1	1	1	1	1	1	2
20	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	-	-	****	****	****	****	****	****	****	****	****	****	******
22												- OATA INVALIO -													
23												- OATA INVALIO -													
24												- OATA INVALIO -													
25												- OATA INVALIO -													
26												- OATA INVALIO -													
27	****	****	****	****	****	****	****	****	****	****	****	****	-	3	2	2	2	2	2	1	1	1	1	1	******
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF OATA VALIO - 31.3 PERCENTAGE OF OATA INVALIO - 66.0 PERCENTAGE OF OATA UNAVAILABLE - 2.8

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59 MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	1	-	1	1	1	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	0	-	0	1	1	1	1	1	1	0	0	1	1	1
13	1	1	1	1	1	1	1	1	1	1	****	****	-	-	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	1	1	1	1	1	1	1	2	2	2	-	1	1	2	2	2	5	3	2	1	1	1
20	2	1	1	2	1	1	1	1	2	2	3	3	3	2	2	1	1	1	1	1	1	0	0	0	1
21	0	0	0	0	0	0	0	0	1	1	1	1	-	-	1	1	1	1	1	1	1	0	0	0	1
22	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
25	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0
30	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	-	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0.5

PERCENTAGE OF OATA VALIO - 97.7 PERCENTAGE OF OATA INVALIO - 0.5 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	0.9	1	3
FEB	23	1.0	2	6
MAR	30	1.1	2	5
APR	30	1.0	1	2
MAY	31	0.8	2	3
JUN	13	1.9	5	14
JUL		DATA UNAVAILABLE		
AUG		DATA UNAVAILABLE		
SEP	15	0.9	1	2
OCT	4	4.6	5	6
NOV	8	1.3	2	3
DEC	31	0.5	1	5
YEAR	210	1.0	5	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22901 LONG PT PROV PK 100M S HWY59

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	624	0	0	0	0	0	0	624
FEB	552	1	0	0	0	0	0	553
MAR	703	0	0	0	0	0	0	703
APR	708	0	0	0	0	0	0	708
MAY	730	0	0	0	0	0	0	730
JUN	299	3	5	0	0	0	0	307
JUL		DATA UNAVAILABLE						
AUG		DATA UNAVAILABLE						
SEP	381	0	0	0	0	0	0	381
OCT	118	14	0	0	0	0	0	132
NOV	225	0	0	0	0	0	0	225
DEC	727	0	0	0	0	0	0	727
YEAR	5067	18	5	0	0	0	0	5090

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										
	MIN	10	30	50	70	90	95	98	99	MAX	ARITH MEAN
70.0	0	0.0	0.2	0.5	0.8	1.4	1.9	3.8	4.6	14	1.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	3	3	2	1	1	1	1	1	1	2	2	4	2	1	1	1	1	1	1	2
2	1	0	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	****	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	1	0
6	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	0	1	0	0	0	0	1
7	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
8	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0
10	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
11	1	1	1	1	1	1	1	2	4	3	****	1	1	1	1	0	0	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
13	2	3	3	3	3	1	1	1	1	2	2	2	3	2	2	2	2	2	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	****	****	****	****	****	****	****	****	1
17	****	****	****	****	****	****	****	****	****	****	****	****	****	4	2	1	1	0	0	0	0	0	0	0	******
18	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0
19	1	1	1	0	1	1	0	2	4	6	3	****	1	2	2	2	2	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	1	7	6	2
21	3	1	1	1	1	2	2	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
22	1	1	1	0	0	1	0	0	0	0	1	1	1	1	1	1	****	1	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1
24	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	1
28	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.8

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	1	1
4	1	0	0	0	0	0	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	2	2	2	2	1	2	5	1	1	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	1	2	2	2	2	2	1	1	1	1	1	****	0	0	1	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	****	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0
11	0	0	0	1	0	1	1	2	3	6	8	3	2	1	1	1	1	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	1	2	2	5	6	6	1	1	1	0	4	6	1	0	0	0	2
13	0	1	0	0	1	1	0	2	3	4	2	3	3	2	2	1	****	****	0	0	0	0	0	0	1
14	1	0	0	0	0	2	5	4	5	6	5	3	1	1	1	1	1	1	0	0	0	0	0	0	2
15	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1
16	1	1	0	0	0	1	0	0	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	1	1	1	1	4	4	2	2	2	3	2	2	2	1	0	1	1	1	1	3	1
18	2	3	3	2	0	0	0	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	1	6	9	5	3	1	1	****	1	1	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	1	2	2	1	1	****	****	1	1	1	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	0	0	0	0	1	1	****	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
26	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	0	1
27	1	1	1	0	0	0	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
MEAN	0	0	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	0	0	1	0	0	0	0	0.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIOE/CHIPPEWA RO BINBROOKE WEST MONTH - MAR 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	1
2	1	2	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	0	0	1
3	1	1	1	2	1	1	1	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	0	0	1
7	1	1	1	0	0	0	0	1	1	****	****	****	****	****	1	1	1	0	0	0	0	0	0	0	0
B	0	0	0	0	4	8	3	3	S	3	1	1	****	0	1	1	0	0	0	0	0	0	0	1	1
9	1	2	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
10	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	****	1	1	1	1	1	0
13	1	1	1	1	1	1	1	1	1	2	4	3	3	4	2	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1S	0	0	0	0	0	0	0	0	1	1	0	0	0	0	****	0	0	0	0	0	0	1	0	1	0
16	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	3	1	1	1	1	1	1
1B	1	1	1	3	7	7	6	5	4	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	0	1	0	0	1	3	8	9	4	3	1	1	1	****	1	1	1	1	1	1	1	0	1	2	2
21	4	1	0	0	0	1	2	2	2	4	S	2	1	2	2	2	2	2	3	2	2	1	1	S	2
22	2	2	8	6	6	8	7	8	6	S	3	2	2	2	2	2	2	1	1	1	1	1	0	0	3
23	0	0	0	0	0	0	0	1	1	****	1	1	2	2	2	2	3	2	2	2	2	2	2	2	1
24	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
2S	1	1	1	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1	0
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	1	1	1	1	1
30	1	3	0	0	1	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIOE/CHIPPEWA RO BINBROOKE WEST MONTH - APR 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	****	1	1	1	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
4	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	-	0	1	1	0	1
S	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	0
6	0	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	******
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	2	2	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
13	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
14	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
1S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	1	0	0	0	0	0	-	0	0	1	1	1	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0
19	0	0	0	0	0	0	1	1	2	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	0	0	0	0	1	2	4	4	2	2	2	1	1	1	1	1	2	1	1	1	1	1	1
21	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	1	1	1	1	3	2	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	0	0	0	0	0	1	1	1	1	1	1	****	****	****	****	1	1	1	1	1	1	1	1	1
24	1	1	1	0	0	0	1	2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
2S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	2	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	-	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
30	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0.6

PERCENTAGE OF OATA VALIO - 96.S PERCENTAGE OF OATA INVALIO - 2.5 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	-	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0
2	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
8	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	-	2	2	2	2	2	2	1	1	2
9	2	2	1	2	1	1	2	2	2	2	2	2	1	1	1	2	2	2	2	1	2	1	1	2	2
10	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
11	1	2	1	1	1	1	1	1	1	2	2	3	2	2	-	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	2	2	2	2	1	-	1	1	1	1	1	1	2	1	1	1	1
15	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
18	1	1	1	1	1	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	2	1	1	1	1	-	1	1	1	1	1	1	1	3	2	1
21	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	-	1	2	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1
27	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	2	4	3	3	3	3	3	2	3	2	2	5	5	4	2	2
8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2
9	2	1	1	1	1	1	2	2	2	2	2	2	3	3	4	4	3	3	3	3	3	3	3	2	2
10	2	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	1	1	0	0	2
11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1
12	0	0	0	0	0	0	1	1	1	0	0	0	1	-	-	1	1	0	0	1	1	1	1	0	0
13	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	0	0	0	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	-	0	0	1	1	1	1	1	1
19	1	1	1	1	1	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
20	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
21	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	1	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0
25	0	0	0	0	1	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1
26	1	0	0	0	1	1	1	1	-	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0
27	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF DATA VALID - 98.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1
5	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	0	1	1	1	1	1	1	1	-	-	0	0	0	0	0	0	1	1	1	1	1
7	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1
9	1	1	0	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	1
10	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	2	2	2	2	2	2	2	1	2	2
11	2	2	2	1	1	1	1	1	2	2	3	3	3	-	3	2	2	2	2	2	2	2	2	1	2
12	1	1	1	1	1	1	2	2	2	2	2	2	2	2	-	-	2	2	2	2	2	2	2	2	2
13	1	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	2	2	2	2	2
15	2	2	2	2	2	2	3	2	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
16	2	2	2	2	2	2	3	2	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
17	1	2	2	2	1	1	1	1	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	2	3	4	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	2	1	1	1	1	0	-	0	0	0	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	1	0	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1
24	2	2	2	1	2	2	2	1	1	2	2	3	3	3	-	-	3	3	3	3	3	3	3	2	2
25	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2
26	2	2	2	2	2	2	3	3	2	3	3	2	2	1	2	1	1	1	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	2	2	2	3	2	2	1	1	2
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	-	1	1	1	1	1	1	1
30	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	2	2	3	3	3	3	3	3	4	4	4	3	3	3	3	2	2	2	2	2	2	3
MEAN	1	1	1	1	1	1	2	1	2	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 2.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-	-	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
5	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	-	0	****	****	****	****	****	****	1
7												-	OATA	INVALID	-										
8												-	OATA	INVALID	-										
9	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	1	1	1	2	******
10	2	2	2	3	3	3	3	3	3	4	-	-	2	2	2	2	2	2	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	1
12	0	0	0	0	0	1	2	1	1	1	1	0	0	0	0	-	0	0	0	0	1	1	1	0	0
13	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	1	0	0	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	******
16												-	OATA	INVALID	-										
17	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	******
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1
21	1	1	1	3	4	4	5	3	2	1	1	1	1	0	0	0	0	0	0	1	1	2	1	1	1
22	1	3	3	2	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	2	-	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	2	1	-	-	2	2	2	2	2	2	1	1	1
30	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	0	0	0	0	0	1
31	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 82.8 PERCENTAGE OF DATA INVALID - 16.0 PERCENTAGE OF DATA UNAVAILABLE - 1.2

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - SEP 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1
4	0	0	0	1	1	1	1	2	2	1	2	1	1	-	****	1	1	1	1	1	1	0	0	1	1
S	0	1	1	1	1	1	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	2	1	1	1	2	2	2	1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1
7	1	0	0	0	1	1	1	1	2	1	1	2	-	1	1	1	1	1	1	0	0	0	0	0	1
8	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
9	1	1	0	0	0	0	1	1	1	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1
11	0	0	0	0	0	0	2	2	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1
1S	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1
17	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	1	1	1	0	1	0	0	0
20	0	0	0	1	1	0	0	1	1	1	0	0	0	1	1	0	-	0	0	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1
22	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0
23	0	0	0	1	1	0	2	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
24	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0
25	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1
26	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	-	0	0	1	1	1	1	1	1	1
27	1	0	0	0	0	0	1	1	1	1	1	1	2	4	3	2	0	0	0	0	0	0	0	0	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	2	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALIO - 0.1 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST MONTH - OCT 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	3	2	2	2	1	1	0	1	1	2	3	1	1	0	1
2	1	3	S	3	1	1	2	1	-	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
3	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0
S	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	1	1	0	0	0	1	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0
16	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
17	1	3	1	1	2	3	4	5	-	4	2	1	1	1	1	1	0	0	0	0	1	1	1	1	2
18	0	0	0	0	0	0	0	1	2	2	2	1	0	0	0	1	1	1	0	0	0	0	0	-	0
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	0	0	1	1	******
23	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	3	3	0	0
30	0	1	1	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	2	2	3	2	1	1	1	1	1	0	0	0	0	0	0	0	1
MEAN	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALIO - 87.4 PERCENTAGE OF OATA INVALID - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 12.6

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIOE/CHIPPEWA RO BINBROOKE WEST MONTH - NOV 79

HOUR DAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	0	0	0	0	1	0	0	0	0
6	1	4	6	3	2	4	6	6	9	14	10	-	-	-	1	1	0	0	0	0	0	0	6	8	4
7	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1	2	2	-	2	1	2	1	1	1	2	1	1	1	2	1
10	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	2	1	0	0	-	1	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	3	7	7	S	4	2	1	1	0	1	1	0	0	1	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	1	0	1	-	0	0	0	1	1	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
1B	0	1	1	0	0	2	3	3	3	3	2	2	1	3	7	7	9	7	1	1	0	1	3	3	3
19	3	4	5	S	4	S	5	6	6	5	3	2	1	0	1	1	4	-	8	8	4	0	0	0	3
20	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	1	S	4	4	1	1	1	0	0	0	0	0	0	0	0	0	1
26	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
2B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	0	0	0	0	0.S

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 1.1

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIOE/CHIPPEWA RO BINBROOKE WEST MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	S	6	6	S	3	1	1	0	1
2	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	1	1	1	1	-	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	1	1	1	1	2	2	3	1	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	2	4	3	0	4	S	3	3	4	4	3	3	3	2	0	0	0	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	1	2	4	3	1	1	4	1	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	1	1	1	2	3	3	2	1	1	0	0	0	0	0	0	0	1
20	4	3	0	0	0	0	1	6	B	6	3	3	4	4	6	4	****	****	****	****	****	****	****	****	3
21													- OATA INVALIO -												
22													- OATA INVALIO -												
23													- OATA INVALIO -												
24													- OATA INVALIO -												
25													- OATA INVALIO -												
26													- OATA INVALIO -												
27													- OATA INVALIO -												
28	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	******
29	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0
31	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0.5

PERCENTAGE OF OATA VALIO - 74.2 PERCENTAGE OF OATA INVALIO - 25.4 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "*****" INDICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	0.8	2	7
FEB	28	0.7	2	9
MAR	31	1.0	3	9
APR	29	0.6	2	4
MAY	31	1.2	2	4
JUN	30	0.9	2	5
JUL	31	1.3	3	4
AUG	25	1.1	2	5
SEP	30	0.7	1	4
OCT	27	0.3	2	5
NOV	30	0.5	4	14
DEC	23	0.5	3	8
YEAR	345	0.8	4	14

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22902 TYNESIDE/CHIPPEWA RD BINBROOKE WEST

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	715	3	0	0	0	0	0	718
FEB	651	8	0	0	0	0	0	659
MAR	717	13	0	0	0	0	0	730
APR	695	0	0	0	0	0	0	695
MAY	736	0	0	0	0	0	0	736
JUN	710	0	0	0	0	0	0	710
JUL	726	0	0	0	0	0	0	726
AUG	616	0	0	0	0	0	0	616
SEP	711	0	0	0	0	0	0	711
OCT	650	0	0	0	0	0	0	650
NOV	692	19	1	0	0	0	0	712
DEC	546	6	0	0	0	0	0	552
YEAR	8165	49	1	0	0	0	0	8215

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
93.8	0	0.0	0.0	0.2	0.6	1.3	1.9	2.8	3.9	14	0.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANDUSK RO BTWN WALPOLE CONC 4/5,SANDUSK MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	0	0	0	0	0	0	******
3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	2	1	1	1	1	****	1	1	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
10	0	****	****	****	****	0	0	1	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	2	4	5	3	1	1	0	0	1	3	1	0	1	1	1	0	0	1
12	0	0	0	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	1	1	2	2	2	2	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	0	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	2	1	1	1	0	0	0	1	****	2	1	0	0	1	0	0	0	0
19	0	0	0	0	0	1	1	2	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0
21	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0
24	0	0	1	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
25	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0.3

PERCENTAGE OF OATA VALIO - 93.8 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 5.2

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANDUSK RO BTWN WALPOLE CONC 4/5,SANOUSK MONTH - FE8 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0	****	-	-	-	-	-	****	0	0	0	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	3	4	3	2	1	1	1	1	1	****	1	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	1	1	1	2	2	****	****	1	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	2	2	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0
11	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	0	0	0	0	0	2	2	0	0	0
13	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	0	0	0	0	1
14	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	2	2	1	1	1	1	0	0	0	0	0	1	0	0	0
18	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23												- DATA UNAVAILABLE -													
24												- DATA UNAVAILABLE -													
25												- DATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- OATA UNAVAILABLE -													
28												- DATA UNAVAILABLE -													
MEAN	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALIO - 63.7 PERCENTAGE OF DATA INVALIO - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 35.4

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANDUSK RD BTWN WALPOLE CONC 4/5,SANDUSK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16	****	****	****	****	****	****	****	****	****	****	****	****	****	2	1	2	1	1	1	1	1	1	0	0	******
17	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	1
18	0	0	0	0	0	0	1	2	3	2	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	1	1	1	3	2	1	1	1	1	1	1	2	4	1	1	1	1	0	0	1	1
21	1	0	0	0	0	0	1	1	2	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	1
22	0	1	1	0	0	0	0	1	3	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0
25	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1
26	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0
28	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	3	0
29	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0.4

PERCENTAGE OF DATA VALID - 49.9 PERCENTAGE OF DATA INVALID - 6.3 PERCENTAGE OF DATA UNAVAILABLE - 43.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANDUSK RD BTWN WALPOLE CONC 4/5,SANDUSK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0
6	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	2	1	1	1	0	0	0	-	1	1	0	0	0	0	0	1	0	0
11	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	-	-	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
16	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	-	1	0	0	0	0	1	0	0	0
17	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1	0	1	1	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	1	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	3	1	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	2	0	1	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANOUSK RD BTWN WALPOLE CONC 4/S,SANDUSK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	-	1	3	0	0	1	0	0	1	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0
4	1	1	1	0	1	1	3	1	1	1	1	1	1	1	1	2	0	0	0	0	1	1	1	0	1
5	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
7	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
8	0	0	0	0	1	1	0	2	1	1	2	2	2	1	1	1	0	1	1	1	1	1	1	0	1
9	0	0	0	0	0	0	2	1	2	1	1	1	1	1	1	1	0	0	0	0	1	0	1	0	1
10	0	0	0	0	0	1	4	1	1	1	1	1	1	1	0	1	0	0	0	1	0	1	0	0	1
11	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	0	0	0	1	1	0	0	0	1
12	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	1	1	0
14	0	0	0	0	0	0	2	1	1	1	1	1	1	-	1	2	1	1	1	1	1	0	0	0	1
15	0	0	0	0	0	1	4	1	0	1	1	0	1	1	1	2	1	1	0	0	0	0	0	0	1
16	0	0	0	0	0	1	2	1	1	1	1	1	1	1	-	2	1	0	1	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	3	1	1	1	1	0	0	0	0	0
18	0	0	0	0	0	1	5	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	2	0	1	1
21	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1
22	0	0	0	0	0	2	3	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0
23	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	****	****	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	2	2	3	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	1
29	0	0	0	0	1	0	7	1	1	1	1	1	2	1	1	4	1	1	2	0	0	0	0	0	1
30	0	0	0	0	0	1	4	3	1	1	1	1	1	1	1	3	1	1	1	1	1	0	0	0	1
31	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANOUSK RD BTWN WALPOLE CONC 4/S,SANDUSK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	-	-	1	1	1	1	1	1	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0
4	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0
5	0	0	0	0	0	1	2	1	1	0	1	0	0	1	-	2	1	1	1	1	0	0	0	0	1
6	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	2	1	0	0	0	-	-	-	-	1
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	******
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	S	1	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	2	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	3	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	3	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	3	2	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	3	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0
19	0	0	0	0	0	2	4	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0
21	0	0	0	0	0	0	1	1	0	1	1	0	-	0	0	1	1	0	0	0	-	0	0	0	0
22	0	0	0	0	0	0	1	1	0	1	0	1	-	0	0	1	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
25	0	0	0	0	1	1	5	0	1	0	0	0	0	1	1	2	0	1	0	0	0	0	0	0	1
26	0	0	0	0	0	1	3	0	1	1	1	1	1	2	-	-	0	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	0	0	0	-	0	0	1	0	0	0	0	0	0	0	0	0
28	0	0	0	1	0	0	0	1	1	1	0	0	1	7	1	2	1	1	1	1	1	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	1	1	-	1	1	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0.3

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 4.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANDUSK RD BTWN WALPOLE CONC 4/5,SANDUSK MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
3	0	0	0	0	0	0	1	0	2	2	2	1	1	1	1	2	1	1	1	1	1	1	0	1	1
4	0	0	0	0	0	2	5	3	0	0	0	1	0	1	1	1	1	0	1	0	1	1	0	0	1
5	-	0	0	0	0	0	2	1	0	0	0	1	0	0	-	-	-	-	-	-	-	-	-	-	******
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- DATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- DATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- DATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- DATA UNAVAILABLE -																								
26	- DATA UNAVAILABLE -																								
27	- DATA UNAVAILABLE -																								
28	- DATA UNAVAILABLE -																								
29	- DATA UNAVAILABLE -																								
30	- DATA UNAVAILABLE -																								
31	- DATA UNAVAILABLE -																								
MEAN	0	0	0	0	0	0	2	1	0	0	0	1	0	0	1	1	1	0	1	1	1	1	0	0	0.4

PERCENTAGE OF DATA VALID - 14.7 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 85.3

NOTES 1. "*****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANDUSK RO BTWN WALPOLE CONC 4/5,SANDUSK MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	- DATA UNAVAILABLE -																								
2	- DATA UNAVAILABLE -																								
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	0	0	0	0	******
17	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	3	1	1	1
19	1	1	2	3	3	6	8	15	6	6	1	1	1	1	1	2	11	1	1	1	1	1	1	0	3
20	0	0	0	0	0	0	1	2	1	1	1	1	1	1	-	1	-	-	-	-	-	-	-	-	******
21	- DATA UNAVAILABLE -																								
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	0	0	1	1	0	******
23	0	0	0	0	0	1	1	2	1	1	1	1	0	0	1	1	1	0	1	1	1	0	1	1	1
24	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1
25	2	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1
26	1	1	1	1	1	1	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1.0

PERCENTAGE OF DATA VALIO - 41.1 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 58.9

NOTES 1. "*****" INDICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANOUSK RO BTWN WALPOLE CONC 4/5,SANOUSK MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	B	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	4	2	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	2	2	2	1	-	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1
B	1	1	0	1	0	0	1	0	0	1	1	0	1	1	1	0	1	0	0	0	0	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1
10	1	0	1	1	1	2	1	1	1	1	1	2	2	2	2	1	3	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	0	0	1	1	1	1	1	1	1	1	2	2	2	4	4	3	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
17	1	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1B	1	1	1	0	0	0	1	1	1	1	1	1	1	1	2	2	2	1	1	1	0	1	1	1	1
19	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
20	1	1	2	1	1	1	1	1	2	3	3	3	3	3	3	2	1	1	2	3	2	1	1	1	2
21	1	1	1	1	1	2	1	3	1	2	-	3	2	2	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	2	B	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1

PERCENTAGE OF OATA VALIO - 99.6 PERCENTAGE OF OATA INVALIO - 0.0 PERCENTAGE OF OATA UNAVAILABLE - 0.4

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANOUSK RO BTWN WALPOLE CONC 4/5,SANOUSK

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	29	0.3	1	5
FEB	1B	0.3	1	4
MAR	15	0.4	1	4
APR	30	0.1	0	3
MAY	31	0.5	1	7
JUN	29	0.3	1	7
JUL	4	0.4	1	5
AUG		OATA UNAVAILABLE		
SEP		OATA UNAVAILABLE		
OCT		OATA UNAVAILABLE		
NOV	11	1.0	3	15
OEC	31	1.1	2	B
YEAR	19B	0.5	3	15

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NMP NO 22906 SANDUSK RD BTWN WALPOLE CONC 4/5,SANDUSK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	698	0	0	0	0	0	0	698
FEB	428	0	0	0	0	0	0	428
MAR	371	0	0	0	0	0	0	371
APR	714	0	0	0	0	0	0	714
MAY	734	1	0	0	0	0	0	735
JUN	685	1	0	0	0	0	0	686
JUL	109	0	0	0	0	0	0	109
AUG	DATA UNAVAILABLE							
SEP	DATA UNAVAILABLE							
OCT	DATA UNAVAILABLE							
NOV	290	4	2	0	0	0	0	296
DEC	740	1	0	0	0	0	0	741
YEAR	4769	7	2	0	0	0	0	4778

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
72.9	0	0.0	0.0	0.0	0.3	0.8	1.0	1.8	2.4	15	0.5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EONA/FREDERICK ST KITCHENER MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	5	2	2	4	12	26	16	7	5	6	6	5	5	7	9	9	5	3	7	7	1	0	0	6
2	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
4	0	0	0	1	8	29	45	34	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	3	****	****	0	1	1	1	3	3	3	2	2	10	13	14	6	3
6	2	2	1	1	3	11	13	11	6	4	4	4	4	4	6	7	9	5	4	3	4	6	8	3	5
7	4	2	1	2	4	17	30	21	12	5	1	1	1	1	1	1	1	1	1	2	3	1	2	5	5
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	9	11	15	10	2	5	6	6	5	4	3	2	2	1	1	1	1	1	1	1	1	1	1	1	4
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	1	0	1
12	0	0	0	0	0	0	2	3	3	****	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1
13	0	0	0	0	1	9	7	2	0	0	0	0	0	0	0	1	1	0	0	1	4	24	13	0	3
14	0	0	0	3	8	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	2	12	17	12	7	4	3	3	****	****	****	11	6	4	6	17	8	2	0	5
19	0	0	0	0	3	12	33	21	9	****	****	****	4	4	6	10	11	6	4	3	9	11	7	4	7
20	5	3	4	2	4	14	25	21	9	2	1	2	1	2	2	2	2	2	5	2	5	5	8	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	2	1	1	1	1	0	0	1
23	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1
24	1	1	0	0	0	0	0	0	1	2	2	2	3	3	4	2	1	3	5	10	8	2	2	1	2
25	0	0	0	0	0	1	11	25	13	****	****	6	5	4	5	7	14	7	3	1	1	1	0	1	5
26	15	16	15	12	6	11	39	26	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
27	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	5	1	0	0	0	0	0	0	1	0
28	0	0	0	0	1	3	21	16	12	7	5	1	****	1	1	6	9	9	4	1	9	2	0	0	5
29	9	8	9	9	13	23	37	13	8	10	7	8	13	16	14	16	14	15	15	11	8	4	4	3	12
30	2	1	1	1	1	2	2	3	6	5	6	5	3	5	5	2	2	1	2	2	2	1	2	2	3
MEAN	2	2	2	2	2	5	10	8	4	2	2	2	2	2	2	3	3	2	2	2	3	3	2	1	2.9

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	11	12	8	6	5	3
2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	2	1	2	1	1	1	0	1	1	1	0	0	0	1	6	2	4	1
4	2	2	0	0	0	3	10	21	16	7	4	2	1	0	1	2	1	0	4	1	0	0	0	0	3
5	0	0	0	0	0	0	0	2	1	1	****	5	8	7	11	13	12	4	3	3	3	2	3	2	3
6	2	2	2	2	2	2	3	3	4	4	4	3	3	5	4	5	5	3	3	3	3	3	4	3	3
7	3	3	2	2	4	7	11	8	9	3	2	3	3	3	2	2	2	2	2	2	2	2	2	2	3
8	2	10	6	5	3	6	6	8	4	2	2	2	2	2	2	2	2	2	2	2	2	3	8	23	5
9	14	4	4	5	7	22	30	26	14	10	6	9	8	7	9	5	9	12	8	6	7	9	7	2	10
10	1	1	1	1	2	7	9	8	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	3	4	4	12	19	4	3	****	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
12	1	1	1	1	1	2	4	3	1	1	1	1	1	1	3	6	2	3	3	2	2	5	8	5	2
13	2	1	2	6	6	9	28	25	12	7	5	3	4	2	3	6	7	5	4	9	11	11	13	14	8
14	21	13	2	1	1	4	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
16	3	4	4	3	4	10	27	9	5	5	3	1	1	1	1	2	1	1	1	1	5	7	2	0	4
17	0	0	0	0	2	12	20	17	8	7	****	9	7	8	12	16	17	13	11	12	7	9	5	1	8
18	1	1	1	1	1	2	4	6	8	6	9	6	7	4	7	5	5	2	1	1	1	3	6	1	4
19	1	6	4	6	9	17	47	34	5	1	2	2	1	1	1	1	1	1	1	1	1	1	11	10	7
20	11	10	4	4	4	9	32	17	0	0	0	1	2	1	5	2	1	0	0	0	4	1	3	7	5
21	8	8	4	7	6	6	2	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2	1	1	3	2	3	19	33	13	3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	4
24	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	****	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2	2	2	1	1	1	2
27	1	2	1	1	1	4	21	19	13	8	7	5	3	2	3	3	3	2	1	1	1	1	1	1	4
28	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
29	2	1	2	2	1	1	1	1	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
30	2	2	2	4	5	19	24	27	11	7	4	2	2	2	1	2	3	1	1	1	1	1	1	1	5
31	1	1	2	2	2	2	2	2	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2	2	2
MEAN	3	3	2	2	2	5	11	10	5	3	2	2	2	2	3	3	3	2	2	2	2	3	3	3	3.4

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	4	14	17	16	13	9	7	8	7	8	9	8	9	9	7	5	4	3	2	7
2	2	2	2	2	2	6	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	3
3	2	2	2	2	6	12	24	50	27	7	2	2	2	1	1	1	1	1	1	1	1	1	1	1	6
4	2	2	2	2	2	2	9	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
5	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	2	2	2	2	2	2	2	2	3	4	2	3	2	2	3	7	13	15	12	11	6	4
7	4	2	2	5	7	4	7	4	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	C	1	1	1	1	****	1	1	1	0	0	0	0	1	1	1	0	0	1
9	0	0	0	0	1	3	13	26	10	6	2	2	2	1	0	0	0	0	0	1	1	3	5	3	3
10	2	0	0	0	1	5	7	0	****	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1
11	0	0	0	0	0	2	3	6	7	6	7	10	8	9	6	6	8	7	9	14	11	6	2	0	5
12	1	1	1	1	0	0	1	2	1	1	1	2	2	3	1	1	2	2	3	4	15	10	3	3	3
13	7	5	3	3	5	20	35	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
14	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	1	5	4	2	2	1	1	1	1	2	2	1	1	1	3	2	1	1	1
16	1	1	1	1	2	5	14	17	11	3	3	2	1	1	2	2	2	1	0	0	0	3	16	10	4
17	10	14	8	6	12	31	49	25	2	1	1	****	1	1	2	1	5	3	1	0	0	0	0	0	8
18	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	3	14	11	9	4	2
20	1	1	2	1	5	10	45	41	23	12	9	9	8	6	5	12	9	3	10	16	15	13	11	6	11
21	2	1	3	3	3	6	27	43	16	8	7	****	****	4	4	10	7	6	11	10	16	8	7	4	9
22	2	1	1	4	10	14	28	18	10	8	5	4	3	3	3	7	7	2	2	3	5	3	3	2	6
23	1	1	0	1	1	8	12	4	2	2	2	1	0	0	0	0	0	0	2	1	0	2	1	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
26	6	1	0	0	0	0	2	2	2	2	1	1	0	0	0	0	0	1	6	10	3	10	7	2	2
27	1	0	0	0	0	2	5	6	1	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	1	1	2	14	25	21	17	****	13	9	7	7	3	4	15	11	10	13	10	7	4	1	8
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	2	1	1	1	1
31	1	1	1	0	0	7	34	35	28	14	8	12	8	6	4	1	1	1	1	2	3	9	5	7	8
MEAN	2	1	1	1	2	5	12	11	7	4	3	3	2	2	2	2	3	2	3	4	4	4	3	2	3.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK ST KITCHENER MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	1	1	2	1	7	2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	1	3	4	1
4	2	1	1	1	3	14	27	28	15	12	9	7	3	5	3	1	1	1	5	13	11	11	10	7	8
5	5	4	3	1	4	11	30	36	****	9	8	4	3	2	2	8	11	7	6	5	4	2	2	1	7
6	2	1	1	1	1	2	9	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2
7	1	1	1	1	1	1	3	3	2	3	12	****	****	17	18	17	4	3	1	1	1	1	1	1	4
8	1	2	1	1	1	3	5	7	6	7	8	11	7	6	5	6	4	6	5	16	9	9	8	7	6
9	4	5	3	1	1	3	5	6	5	2	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	2	2	2	3	9	9	12	13	8	3
11	6	3	2	2	5	7	21	37	****	10	8	9	8	9	7	13	14	11	2	6	21	20	13	10	11
12	5	2	2	3	6	11	53	38	18	14	12	6	4	4	3	9	15	10	8	7	4	6	8	6	11
13	3	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2	4	10	2	2	2
14	1	1	1	1	1	3	3	3	4	2	2	3	3	2	2	3	3	3	3	3	3	2	2	1	2
15	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
19	1	1	1	1	1	1	3	3	2	3	4	5	4	3	2	3	4	2	3	4	3	2	3	7	3
20	12	5	5	9	10	4	8	7	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
21	1	1	1	1	1	1	1	1	1	2	2	2	3	10	12	20	16	3	4	2	2	1	2	2	4
22	2	2	1	1	1	1	4	12	11	9	8	9	7	10	9	8	9	11	19	11	3	1	1	1	6
23	1	1	1	1	0	0	1	3	4	3	2	3	4	5	5	5	8	10	8	15	17	21	22	14	6
24	10	7	4	4	11	17	41	42	18	****	11	8	3	6	3	7	12	6	3	6	15	11	4	2	11
25	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	2	2	2	2	2	2	4	6	5	8	9	5	6	4	2	3	3	5	9	14	41	64	53	51	13
27	42	11	12	9	15	28	52	86	69	8	2	2	2	1	1	1	1	1	3	5	5	4	20	29	17
28	9	22	5	1	1	1	3	2	3	4	3	4	5	9	9	15	13	10	13	25	28	5	2	2	8
29	1	1	1	2	2	2	2	2	3	5	4	4	2	2	2	5	4	5	13	7	3	2	12	15	4
30	10	7	5	5	4	3	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3
MEAN	5	3	2	2	3	4	10	11	7	4	4	3	3	4	3	5	5	4	4	6	7	7	7	6	4.8

PERCENTAGE OF DATA VALIO - 99.3 PERCENTAGE OF DATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA I5 UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EDNA/FREDERICK 5T KITCHENER MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	2	1	4	16	35	39	25	14	11	9	10	10	13	20	25	18	16	13	9	12	8	3	13
2	3	3	3	2	2	7	17	30	14	6	9	11	8	9	11	17	18	14	8	4	4	3	2	1	9
3	1	1	1	1	2	7	19	24	22	22	10	6	4	3	3	2	2	2	2	3	2	1	1	1	6
4	1	1	1	1	1	2	10	9	15	20	21	17	16	17	19	34	32	12	6	11	9	2	8	5	11
5	3	2	1	1	1	1	2	3	3	5	3	2	2	2	2	3	4	4	3	4	2	1	1	1	2
6	1	1	1	2	1	1	1	1	2	2	2	3	4	6	9	5	5	5	4	2	2	2	2	2	3
7	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
8	0	1	0	0	1	1	0	1	1	1	1	1	1	9	14	12	14	12	13	14	12	11	10	4	6
9	2	2	2	1	1	1	2	3	6	5	2	3	3	3	3	4	4	4	6	8	6	5	5	11	4
10	16	20	23	11	10	17	35	48	29	23	****	****	3	3	3	6	31	18	15	2	2	1	1	1	14
11	0	0	0	1	1	1	3	5	5	3	9	5	3	5	7	6	11	8	3	3	2	2	6	8	4
12	2	1	1	1	1	1	2	2	2	2	2	1	2	2	3	4	3	3	4	3	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	3	2	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	2	1	3	2	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	3	3	2	2	2	2	1	1	1	1	1	3	10	41	49	58	31	9
16	3	2	2	3	12	18	28	28	17	10	9	8	8	9	11	17	19	15	13	12	10	15	11	5	12
17	****	****	****	****	****	****	****	****	****	****	****	****	****	7	6	5	5	4	5	4	3	2	1	1	******
18	2	6	2	3	2	8	34	36	26	17	14	15	11	12	12	17	24	16	16	11	7	6	4	4	13
19	2	1	1	1	2	8	19	23	20	21	15	6	4	2	2	2	1	1	1	1	1	1	1	1	6
20	2	2	2	2	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	1
22	2	2	2	2	2	2	2	4	3	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	2
23	1	1	1	2	1	1	1	1	****	****	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	3	3	2	2	1	1	0	0	******
26	0	0	0	0	0	0	1	3	4	4	3	2	2	2	3	5	7	4	4	3	1	0	0	0	2
27	0	0	0	0	0	0	0	0	1	3	6	4	4	10	5	6	13	12	7	5	7	6	7	4	
28	9	9	6	3	****	****	****	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	****	2
29	0	0	0	0	0	0	1	4	20	17	****	11	7	8	6	8	7	24	12	18	23	12	10	13	9
30	8	5	4	5	5	5	10	20	18	10	7	9	8	8	8	10	14	16	10	8	6	5	5	3	9
31	1	1	0	0	0	1	11	26	29	17	12	12	15	13	11	13	19	23	11	11	16	13	14	16	12
MEAN	2	2	2	2	2	4	8	11	10	8	5	5	4	5	6	7	9	7	6	5	6	5	5	4	5.4

PERCENTAGE OF DATA VALIO - 95.8 PERCENTAGE OF DATA INVALID - 4.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EGNA/FREDERICK ST KITCHENER MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	3	1	1	1	2	4	4	2	2	2	2	3	3	4	5	4	3	3	3	3	3	3	2	3
2	2	2	2	2	2	1	1	2	3	2	2	2	2	2	2	4	3	5	6	5	6	5	3	2	3
3	3	2	4	3	2	1	2	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	1	1	2
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	5	14	32	33	12	4	3	5
5	12	39	26	21	17	27	41	51	42	28	10	3	3	3	4	5	10	19	14	24	17	34	65	67	24
6	54	37	24	11	10	19	29	47	39	35	39	****	16	12	9	17	22	24	20	17	13	7	2	1	22
7	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1
8	1	0	0	0	0	0	1	1	0	0	****	****	0	0	0	1	1	1	2	2	2	1	1	1	1
9	1	1	5	6	8	9	12	19	21	12	8	7	6	8	8	9	9	9	7	7	7	8	8	6	8
10	3	2	1	1	0	0	0	0	1	1	1	1	2	2	2	2	4	3	3	1	2	1	0	0	1
11	2	2	3	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1
12	1	0	0	0	0	0	1	4	13	11	6	4	3	4	5	8	10	19	18	12	14	13	12	13	7
13	11	6	4	2	1	1	2	4	9	5	4	7	6	5	3	2	4	6	3	2	1	0	1	1	4
14	0	0	0	0	0	0	0	0	1	1	0	0	****	1	1	2	2	3	4	3	2	2	1	1	1
15	1	1	0	0	0	0	1	1	1	3	3	2	1	1	2	2	2	3	2	2	2	1	1	1	1
16	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
17	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	5	16	25	18	32	31	36	7
18	24	13	16	9	7	4	3	2	4	4	10	7	6	6	4	2	8	16	13	11	5	5	6	4	8
19	2	1	1	2	2	4	6	16	17	9	7	4	3	1	1	1	2	1	9	6	1	1	2	1	4
20	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	1	1	2	1	1	1	1	1	1	1
21	1	1	0	0	0	0	3	8	10	6	3	****	3	4	5	5	6	9	6	6	5	5	6	6	4
22	4	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	1	1	1	1	2	5	2	1	1	1
24	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	5	13	1
25	12	13	16	9	7	3	3	5	6	8	5	3	3	2	2	1	1	1	1	1	1	1	1	1	4
26	0	0	0	0	0	0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	-	-	****	****	3	6	6	7	16	16	17	13	4
28	8	5	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2
29	1	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2
30	1	1	0	0	0	0	0	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	5	5	4	3	2	3	4	6	6	5	4	2	2	2	2	3	4	5	5	6	6	5	6	6	4.2

PERCENTAGE OF DATA VALID - 96.8 PERCENTAGE OF DATA INVALID - 2.9 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EGNA/FREDERICK ST KITCHENER MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1	******
6	1	1	1	1	1	1	1	2	3	2	2	2	2	2	4	5	5	4	3	4	4	3	3	3	3
7	2	1	1	1	1	1	2	5	12	5	4	3	3	2	3	2	3	4	3	2	2	1	2	2	3
8	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
10	1	1	1	1	2	14	22	39	41	31	****	****	13	11	5	6	9	20	23	9	2	1	1	1	12
11	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
12	2	2	2	2	2	2	2	2	3	2	1	1	1	1	0	1	2	3	1	2	0	6	7	7	2
13	3	****	****	****	****	****	6	16	28	26	****	24	23	22	24	29	32	20	3	2	2	0	****	****	16
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17	****	****	****	0	1	1	11	8	3	1	2	****	****	****	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	****	****	****	****	0	1	1	2	9	13	9	5	48	22	20	17	15	14	8	******
19	4	4	3	2	3	4	8	12	18	15	11	****	12	18	13	15	18	23	13	9	8	7	6	4	10
20	3	1	1	1	0	0	8	11	21	15	16	21	23	19	19	24	30	30	30	35	41	49	55	46	21
21	39	41	37	24	24	24	31	50	56	46	40	41	31	23	27	43	48	46	41	36	44	36	29	9	36
22	****	****	****	****	****	****	****	****	****	****	1	3	3	4	5	6	15	18	12	5	15	10	5	11	******
23	7	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	2	2	15	8	******
24	8	14	10	6	3	3	2	2	3	5	6	6	6	7	9	8	8	8	7	6	6	6	5	5	6
25	4	3	1	1	0	0	0	0	0	2	2	2	2	1	0	0	1	0	0	0	0	0	1	1	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	2	2	****	2	2	2	2	3	3	3	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2	1
29	1	1	1	1	1	1	1	1	2	2	2	3	3	3	3	3	4	3	2	2	2	3	2	2	2
30	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	2	7	8	3	2	2
31	1	2	2	1	1	1	1	1	2	2	3	3	6	5	6	7	6	7	6	4	2	2	2	2	3
MEAN	4	4	4	2	2	3	5	8	10	8	5	6	6	6	6	8	9	11	8	6	7	7	7	5	6.3

PERCENTAGE OF DATA VALID - 67.3 PERCENTAGE OF DATA INVALID - 32.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EGNA/FREDERICK ST KITCHENER

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY		DATA UNAVAILABLE		
JUN	30	2.9	12	45
JUL	31	3.4	10	47
AUG	31	3.5	11	50
SEP	30	4.8	17	86
OCT	29	5.4	14	58
NOV	29	4.2	24	67
DEC	19	6.3	36	56
YEAR	199	4.3	36	86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 26029 TRAILER EGNA/FREDERICK ST KITCHENER

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN		DATA UNAVAILABLE						
FEB		DATA UNAVAILABLE						
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY		DATA UNAVAILABLE						
JUN	588	62	41	12	4	1	0	708
JUL	611	75	37	12	3	1	0	739
AUG	592	85	42	10	4	5	0	738
SEP	547	86	56	12	3	4	7	715
OCT	507	79	93	21	9	3	1	713
NOV	559	62	46	12	11	3	4	697
DEC	370	45	35	24	11	14	2	501
YEAR	3774	494	350	103	45	31	14	4811

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
93.7	0	0.0	0.4	1.1	2.8	11.0	17.0	29.1	38.7	86	4.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - WC ND 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11	-	-	-	-	-	-	-	-	-	-	3	3	4	3	3	3	3	3	11	22	12	6	4	5	******
12	5	5	4	5	4	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3
13	3	3	3	2	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2
14	2	2	2	2	2	2	2	3	3	****	****	1	0	0	D	1	1	1	1	3	4	1	D	D	2
15	D	0	0	0	D	1	1	3	2	0	0	0	0	D	0	0	0	0	0	0	D	D	D	D	0
16	D	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1
17	3	4	3	2	3	8	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2
18	4	5	6	8	7	5	5	7	5	3	2	1	1	1	1	1	1	1	1	1	4	3	1	1	3
19	1	2	2	1	1	6	3	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	5	4	2
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	1
21	2	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	D	D	D	D	1
22	D	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
23	2	3	2	1	2	3	5	3	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
26	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	D	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	0	0	D	0	0	D	1	0	1	1	1	1	1
28	D	0	0	D	1	1	1	1	1	****	0	1	1	D	0	0	D	D	0	0	D	D	0	0	0
29	0	0	0	0	1	1	1	1	1	1	1	D	0	0	0	1	1	1	D	0	D	D	1	3	1
30	1	0	D	0	0	1	1	3	2	D	0	0	2	2	2	2	3	1	0	D	D	1	3	1	1
31	1	0	0	0	0	1	4	6	2	D	0	0	0	1	1	1	1	1	1	1	D	1	0	1	1
MEAN	1	2	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1.5

PERCENTAGE OF DATA VALID - 65.9 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 33.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - WC ND 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	1	1	D	2	3	1	1	1	1	1	0	D	0	1	1	1	1	1	2	3	5	1
2	5	1	1	1	0	0	D	1	1	D	0	1	0	D	0	1	1	D	0	0	0	****	1	1	1
3	0	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	****	0	0	0	D	D	0	0	D	D	0	0	0	0	0	0	0
5	0	0	1	1	1	1	1	0	0	0	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18	****	****	****	****	****	****	****	****	****	****	0	D	D	0	0	0	0	D	0	****	****	****	****	****	******
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22	****	****	****	****	****	****	****	****	0	0	0	0	0	0	D	0	0	1	0	0	0	D	0	0	0
23	D	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	D	D	0	D	0	0	0	******
29	0	0	D	0	D	1	2	2	2	3	0	0	0	D	0	3	3	0	0	0	0	D	1	3	1
30												- DATA INVALID -													
MEAN	1	0	0	1	1	1	1	1	1	1	D	0	D	0	0	1	1	0	0	0	0	1	1	1	0.6

PERCENTAGE OF DATA VALID - 25.D PERCENTAGE OF DATA INVALID - 75.D PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2	2	2	1	1	1	1	1	1	0	****	****	0	1	1	1	1	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	1	1	1	1	0	1	1	****	****	****	****	****	****	0	0	1	1	0
4	2	4	3	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	****	****	****	****	0	****	****	****	0	******
6	****	****	****	****	****	****	****	****	****	1	1	0	0	0	0	0	0	0	0	0	1	1	3	5	******
7	6	6	6	3	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	1	0	0	0	****	****	0	0	0	0	0	0	0	****	****	3	3	2	0	0	0	0	0	0
9	1	0	0	0	0	1	0	0	0	****	****	3	3	3	3	3	****	****	****	3	3	3	3	3	2
10	3	****	****	****	****	****	2	3	2	2	2	2	2	2	****	****	****	****	****	****	****	****	****	****	******
11	****	****	2	****	****	****	2	****	****	****	****	****	2	2	****	****	****	****	****	****	****	****	****	****	******
12												- DATA INVALID -													
13	****	****	****	****	****	3	4	****	****	****	4	4	4	4	5	4	4	4	4	4	4	4	4	5	4
14	7	5	4	4	4	4	4	8	5	4	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4
15	4	4	4	4	4	4	3	4	5	4	4	4	4	4	4	5	5	5	5	6	6	6	7	6	5
16	6	6	6	6	7	6	8	8	7	****	****	2	0	3	5	6	6	****	****	****	****	****	****	****	******
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	******
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	1	1	1	1	0	****	0	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
28	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1
29	1	3	4	3	2	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	6	1	2	1	1
30	0	0	0	0	1	2	4	2	1	1	0	0	****	2	2	0	0	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1
MEAN	2	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 66.9 PERCENTAGE OF DATA INVALID - 33.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	0	0	0	2	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2												- DATA INVALID -													
3												- DATA INVALID -													
4												- DATA INVALID -													
5												- DATA INVALID -													
6												- DATA INVALID -													
7												- DATA INVALID -													
8												- DATA INVALID -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	1	1	1	2	1	1	1	1	1	1	1	1	2	3	3	******
16	2	1	1	1	2	4	4	3	2	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2
17	3	2	2	1	1	4	5	6	2	0	****	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	2	1
19	2	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	8	2	2	2	2
20	3	2	1	1	1	4	4	4	4	1	1	1	1	1	1	0	0	0	1	1	1	2	3	2	2
21	4	4	2	2	1	4	10	7	4	0	1	0	0	0	0	0	0	0	0	1	4	7	7	7	3
22	5	1	0	1	2	5	6	7	****	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
25	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	0
26	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	2	1	1
27	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
28	0	1	4	3	1	3	9	12	6	3	2	1	1	0	0	0	0	0	0	0	1	2	1	1	2
29	1	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0
30	0	1	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1	2	2	1	1	0	1
31	1	2	0	0	0	2	7	4	3	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1
MEAN	1	1	1	1	1	2	3	3	2	1	1	1	1	1	0	0	0	0	0	1	1	1	2	1	1.1

PERCENTAGE OF DATA VALID - 54.4 PERCENTAGE OF DATA INVALID - 45.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	0	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1
3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2	0	1	1	1	0
4	1	0	0	0	0	1	3	3	1	1	1	1	1	1	1	2	1	1	1	1	2	2	2	1	1
5	1	5	4	1	1	5	17	14	3	1	2	0	0	0	0	0	0	0	0	0	1	0	0	0	2
6	0	0	0	0	0	1	2	3	****	2	3	1	2	4	4	3	2	2	3	4	5	5	5	4	2
7	4	3	3	3	3	3	5	3	3	3	4	3	3	3	3	3	3	3	3	3	2	2	2	2	3
8	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	2	7	13	16	20	12	4
9	10	6	2	2	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	3	4	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	3	4	3	1	1	1	1	1	1	1	1	1	1	1	2	3	5	3	2	2
12	1	1	1	1	3	9	17	17	****	****	3	2	2	2	2	2	2	2	2	2	2	4	7	3	4
13	4	3	2	2	2	2	2	2	2	2	2	5	4	4	4	3	3	3	3	3	3	3	4	4	3
14	4	4	4	4	4	4	7	9	6	6	6	****	****	****	****	****	****	****	****	****	****	****	****	****	******
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23												- DATA INVALID -													
24												- DATA INVALID -													
25												- DATA INVALID -													
26												- DATA INVALID -													
27												- DATA INVALID -													
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	6	6	6	8	9	11	11	6	6	******
29	5	5	5	4	5	5	5	5	4	3	3	3	3	3	3	3	3	3	3	10	25	19	18	18	7
30	18	22	6	5	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	4
MEAN	4	4	2	2	2	3	5	4	2	2	2	2	1	2	2	2	2	2	2	3	5	5	5	4	2.7

PERCENTAGE OF DATA VALID - 52.4 PERCENTAGE OF DATA INVALID - 47.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	5	5	2	2	1	1	1	1	1	1	1	1	2	3	1	1	2	1	2
2	1	1	1	1	1	1	3	5	4	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
3	1	0	0	1	1	3	5	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
4	0	0	1	1	1	1	3	8	****	5	1	0	2	1	3	3	4	5	5	5	7	6	7	5	3
5	2	1	1	1	1	0	1	2	1	0	0	0	0	0	0	3	5	4	2	0	0	0	1	0	1
6	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3	1	1	0	0
9	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	5	9	3	1	0	0	1
10	0	0	0	0	0	0	1	4	2	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	1
11	1	1	2	1	1	3	11	13	11	0	1	1	0	0	0	1	2	3	3	1	1	1	1	1	3
12	1	1	1	1	0	1	2	5	4	1	0	0	1	1	1	3	2	2	5	5	2	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1
15	0	0	0	0	0	0	1	3	3	1	1	1	1	0	1	1	1	1	0	0	1	2	2	1	1
16	2	2	1	0	0	0	1	3	2	0	0	0	0	1	0	1	1	2	1	0	0	2	2	7	1
17	6	3	3	3	5	6	10	21	22	17	8	2	5	7	7	15	15	18	17	6	1	2	2	3	9
18	2	2	3	3	2	1	1	1	2	2	3	1	1	1	1	1	1	1	4	2	2	2	2	2	2
19	2	2	1	0	0	1	6	8	12	16	11	6	0	0	0	0	1	1	1	1	1	1	1	1	3
20	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1
21	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0
22	0	0	0	0	0	0	1	2	1	1	0	0	1	1	1	1	0	1	1	0	1	2	1	1	1
23	0	0	0	0	0	0	1	1	2	1	1	****	****	1	1	2	2	2	2	2	2	2	2	2	1
24	2	2	2	2	1	2	3	3	2	2	2	2	****	3	3	3	2	1	1	1	1	1	1	1	2
25	1	1	1	1	2	1	2	2	2	1	1	1	2	1	1	2	2	2	2	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	2	2	2	2	3	2	2	2	2	1	1	1	1	1
27	1	2	1	2	1	1	2	3	4	2	2	2	2	2	2	1	2	3	5	5	3	2	3	2	2
28	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	1	1	1	1	1
29	1	1	1	2	2	2	2	3	3	3	3	4	3	3	2	2	3	5	6	4	5	4	3	5	3
30	3	2	2	2	2	1	1	2	2	1	1	1	1	1	1	2	2	3	2	2	2	2	2	2	2
31	1	1	1	2	2	3	11	22	40	22	6	4	2	1	1	2	4	7	10	7	4	1	1	1	7
MEAN	1	1	1	1	1	1	3	4	4	3	2	1	1	1	1	2	2	2	3	2	2	1	2	1	1.8

PERCENTAGE OF DATA VALID - 99.5 PERCENTAGE OF DATA INVALID - 0.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1
2	1	1	2	1	2	1	1	1	1	2	2	2	1	1	2	1	2	3	2	2	2	1	1	2	2
3	1	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	1
4	1	1	1	1	0	1	1	1	1	2	1	1	1	1	1	1	2	5	10	11	10	2	2	6	3
5	7	3	2	2	2	2	1	5	5	2	1	1	1	****	1	1	4	7	13	8	9	21	28	40	7
6	47	42	37	30	31	16	12	18	27	26	12	10	11	6	4	4	3	2	2	4	4	2	3	4	15
7	3	4	5	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	2	3	1	2	2	2	2
8	2	1	1	1	0	0	0	2	2	2	2	1	1	1	1	2	2	2	1	2	2	1	1	1	1
9	1	2	4	5	5	3	3	8	13	9	7	2	2	4	4	5	5	5	4	3	4	4	5	2	5
10	2	5	3	1	1	1	1	1	1	2	2	2	1	1	2	2	4	8	4	3	3	2	2	2	2
11	4	4	3	2	1	1	2	3	2	2	2	1	1	1	1	3	2	1	1	1	1	1	1	1	2
12	0	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	4	9	9	7	4	14	22	4
13	8	3	2	2	1	2	2	7	11	10	7	5	4	2	3	5	5	5	6	8	8	7	8	6	5
14	3	2	2	2	1	1	2	3	3	2	2	2	****	2	2	3	6	3	1	1	1	1	3	3	2
15	4	4	2	1	1	1	2	5	9	6	3	3	2	2	4	3	2	4	3	3	4	4	3	1	3
16	0	1	1	2	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1
17	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	3	2	6	11	8	4	3	2
18	10	21	22	12	2	2	2	3	1	2	3	3	5	5	5	5	6	5	2	3	3	4	3	3	6
19	2	2	2	3	3	2	3	10	11	11	15	11	8	6	8	10	12	27	20	14	12	10	15	15	10
20	3	1	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	4	3	2	3	5	6	2
21	1	1	1	1	1	1	1	2	4	2	2	1	1	1	1	2	4	4	3	3	8	6	5	4	3
22	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	0	0	0	0	2	3	1	1	1	1	2	2	3	4	8	6	10	10	9	9	13	4
24	11	2	2	1	2	2	2	1	2	2	1	1	1	1	1	1	3	5	5	6	5	4	9	12	3
25	15	20	21	18	17	13	12	12	13	7	3	4	3	4	4	3	2	2	2	2	2	3	3	3	8
26	5	6	9	8	4	1	1	2	2	1	1	1	****	****	1	1	1	1	1	1	2	2	2	1	2
27	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	1	1	2	3	6	7	6	4	2	2
28	1	0	0	0	2	2	1	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
29	0	1	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0
30	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	2	2	2	2	1	1	1	1
MEAN	5	5	5	3	3	2	2	3	4	3	3	2	2	2	2	2	3	4	4	4	4	4	5	5	3.3

PERCENTAGE OF OATA VALIO - 99.3 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	3	4	4	4	3	3	2	2	2	1	2
2	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	2	2	1	1	0	0	0	2	1	1	0	1	1	1	0	0	1
4	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	2	1	1	1	0	0	1	1	1	1	1	1	2	2	2	2	3	4	4	4	5	8	7	4	2
6	4	5	6	5	24	28	3	3	3	4	4	9	28	55	86	86	63	54	55	18	23	18	21	42	27
7	38	2	1	2	2	3	7	33	40	83	27	****	****	2	3	6	15	27	39	77	42	13	11	8	22
8	8	2	2	3	3	4	4	8	2	1	1	1	1	0	1	1	1	1	2	2	1	2	2	2	2
9	1	2	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1
10	1	0	1	0	0	1	3	3	5	3	5	5	6	4	2	4	14	16	14	3	2	1	2	12	4
11	40	11	13	8	3	2	1	1	1	1	1	1	1	1	5	9	2	2	2	2	3	2	1	2	5
12	2	2	1	1	0	5	1	1	2	4	2	2	17	4	0	1	2	1	1	0	1	0	0	0	2
13	0	0	0	1	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0
14	1	1	1	1	1	1	2	2	3	3	2	1	****	2	2	2	2	2	2	2	3	2	2	1	2
15	1	1	1	2	1	2	4	4	3	2	2	2	1	1	1	2	4	8	12	5	2	2	1	1	3
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1
17	0	0	0	0	0	1	0	1	1	1	1	0	1	1	1	1	1	1	****	****	****	****	****	****	1
18	****	****	****	****	****	****	6	6	7	7	7	6	3	3	3	2	2	3	2	2	2	1	2	3	4
19	2	2	2	2	1	1	3	5	6	5	****	3	3	2	3	4	3	4	3	4	3	3	2	2	3
20	2	3	3	4	4	5	8	12	28	30	22	15	8	4	5	7	10	13	14	20	8	1	0	0	9
21	1	1	0	0	0	0	1	3	4	5	3	1	1	2	2	3	10	7	10	17	9	3	2	1	4
22	1	1	2	1	0	1	0	1	2	2	2	3	4	4	4	3	4	3	4	5	6	7	7	6	3
23	3	3	3	1	0	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	2	1
24	1	4	4	2	1	1	0	0	2	1	1	2	1	3	4	5	4	5	2	2	1	2	4	6	2
25	6	1	0	0	1	0	0	0	1	1	0	1	0	1	0	0	0	1	1	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0
27	1	0	0	1	1	1	1	1	1	****	2	2	2	1	1	2	2	2	2	2	1	1	1	1	1
28	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	0	1	1	0	2	1	0	1	1	1
29	1	2	3	2	1	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	0	0	0	1
30	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	2	6	8	1
31	13	15	19	20	11	6	3	5	5	4	2	3	2	1	1	1	1	0	1	1	1	1	1	1	5
MEAN	4	2	2	2	2	2	2	3	4	6	3	2	3	3	4	5	5	5	6	6	4	3	3	4	3.6

PERCENTAGE OF OATA VALIO - 97.7 PERCENTAGE OF OATA INVALIO - 2.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA UNAVAILABLE		
FEB		DATA UNAVAILABLE		
MAR		DATA UNAVAILABLE		
APR		DATA UNAVAILABLE		
MAY	20	1.5	3	22
JUN	6	0.6	1	5
JUL	19	1.3	5	8
AUG	16	1.1	3	12
SEP	15	2.7	7	25
OCT	31	1.8	9	40
NOV	30	3.3	15	47
DEC	31	3.6	27	86
YEAR	168	2.2	27	86

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 27037 NORTH/GENEVA STREET, ST. CATHARINES

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	DATA UNAVAILABLE							
FEB	DATA UNAVAILABLE							
MAR	DATA UNAVAILABLE							
APR	DATA UNAVAILABLE							
MAY	478	9	2	1	0	0	0	490
JUN	180	0	0	0	0	0	0	180
JUL	476	22	0	0	0	0	0	498
AUG	392	12	1	0	0	0	0	405
SEP	342	19	14	2	0	0	0	377
OCT	702	21	12	4	1	0	0	740
NOV	610	57	33	10	3	2	0	715
DEC	640	38	24	10	5	2	8	727
YEAR	3820	178	86	27	9	4	8	4132

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
70.3	0	0.0	0.1	0.7	1.5	4.1	6.9	14.2	21.2	86	2.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	5	7	5	6	****	5	4	3	3	****	10	18	16	1	****	5	1	4	5	****	5	6	5	6
2	3	1	1	1	2	5	17	21	27	22	23	25	10	****	18	13	15	11	****	****	2	2	****	2	11
3	2	3	4	3	4	5	9	12	11	10	9	11	10	****	11	12	13	13	9	9	8	7	8	7	8
4	5	6	5	3	4	5	8	10	12	11	11	10	9	10	10	11	14	14	10	8	8	7	7	5	8
5	3	2	3	3	4	6	11	15	15	13	11	12	9	11	14	15	17	14	13	10	11	9	8	9	10
6	7	6	6	7	8	7	6	7	10	12	11	11	11	9	9	10	10	9	9	8	6	7	6	6	8
7	6	6	3	2	1	1	3	5	6	8	5	5	11	7	1	2	5	5	10	14	9	9	9	10	6
8	7	4	2	2	3	5	11	14	16	14	12	10	9	9	9	10	11	13	12	9	9	9	10	8	9
9	8	5	4	5	5	6	10	12	12	****	****	9	8	8	10	12	14	17	14	13	11	11	13	14	10
10	11	9	8	10	8	10	14	19	21	16	16	15	16	13	11	12	14	16	8	16	8	10	9	12	13
11	14	8	9	7	****	13	24	28	28	22	21	20	15	13	18	19	25	25	24	27	19	18	20	31	19
12	21	23	18	22	16	5	2	34	57	40	39	27	3	1	11	****	5	2	24	31	28	37	37	33	22
13	36	29	30	19	17	2	****	****	****	****	****	****	****	****	****	****	****	****	1	****	1	****	****	****	******
14	****	2	****	****	5	****	4	****	****	1	****	2	****	****	3	2	3	****	****	****	****	****	****	****	******
15	1	1	2	****	****	****	****	12	14	****	****	****	10	10	12	12	13	13	10	8	****	****	7	8	******
16	****	****	****	6	****	6	9	11	16	16	12	11	9	11	12	15	19	17	15	13	15	12	14	20	13
17	23	26	25	12	2	8	2	2	2	2	****	****	25	36	21	15	17	6	7	4	3	4	6	6	12
18	5	5	2	1	1	3	11	22	30	16	15	****	20	24	21	6	20	32	19	8	0	11	****	0	12
19	0	0	8	6	10	11	16	22	34	37	37	21	****	****	0	0	0	****	****	****	****	****	****	****	******
20	****	0	0	****	****	9	3	2	****	****	4	****	7	****	****	7	****	2	****	****	****	****	4	****	******
21	****	****	****	1	****	****	1	1	1	****	****	****	****	3	****	****	****	7	7	****	****	5	****	5	******
22	****	****	1	1	1	****	****	7	11	****	9	9	7	7	4	5	7	5	7	10	9	9	9	6	7
23	7	6	5	4	4	5	9	17	26	24	24	1	0	0	0	0	0	0	0	0	0	27	17	11	8
24	28	11	8	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	0	0	0	0	0	0	0	1	3	1	6	2	4	12	21	10	10	1	2	5	4	3
26	2	0	1	4	3	7	18	27	26	25	28	27	16	13	14	20	30	29	24	27	19	13	9	9	16
27	7	6	5	1	1	3	5	8	8	15	25	28	7	1	13	29	19	25	29	29	9	4	2	1	12
28	1	0	0	0	0	0	0	0	2	6	10	8	8	9	10	13	16	11	8	7	7	5	5	4	5
29	3	1	1	1	1	2	7	11	13	12	9	8	8	7	7	8	9	12	7	4	3	3	4	3	6
30	2	1	1	1	2	7	14	16	12	14	13	15	10	9	9	9	13	13	9	8	6	7	9	8	9
31	4	3	2	3	3	4	10	19	27	21	19	18	12	11	11	13	13	11	6	3	2	2	2	2	9
MEAN	8	6	6	5	4	5	8	12	16	14	15	13	10	10	9	10	12	12	11	11	8	9	9	8	9.7

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 14.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	0	0	1	7	11	13	16	13	9	9	8	9	11	10	10	6	4	3	3	3	2	6
2	2	1	0	0	0	1	4	10	14	14	10	11	10	12	15	14	18	15	11	10	8	7	7	7	8
3	7	5	3	2	2	2	4	8	10	13	15	16	15	16	15	13	16	14	17	22	8	3	3	6	10
4	1	2	4	1	2	3	4	5	3	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	******
5	-	-	-	-	-	-	-	-	-	****	10	9	7	6	7	8	10	11	8	5	4	5	7	8	******
6	4	6	5	3	5	****	****	****	****	****	****	****	****	****	20	27	33	31	25	4	3	5	23	33	******
7	24	24	19	7	19	29	25	57	39	5	1	1	1	1	1	1	2	2	2	3	18	15	11	11	13
8	3	2	2	3	3	5	8	10	13	12	8	****	****	****	8	13	15	15	11	10	7	7	9	8	8
9	7	4	3	3	4	8	12	22	23	20	19	16	17	18	19	17	20	16	12	9	10	12	13	11	13
10	9	9	6	5	5	****	6	9	9	8	9	11	2	1	3	8	14	6	12	10	7	4	3	7	7
11	2	1	0	0	0	1	1	2	5	8	4	1	2	2	****	3	11	22	22	30	21	12	11	15	8
12	15	8	10	11	15	14	33	46	49	7	4	4	5	4	1	2	2	6	12	5	1	1	0	0	11
13	0	0	0	1	1	1	13	14	7	19	19	1	1	1	1	1	1	1	5	24	17	14	17	16	7
14	3	8	1	0	1	0	1	2	7	4	7	10	7	****	-	-	-	-	-	-	-	-	-	-	******
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	****	0	0	2	****	****	****	****	****	****	****	10	12	******
24	****	****	6	2	3	6	****	****	****	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	2	0	0	1	0	1	1
27	0	0	1	5	2	1	5	****	****	****	****	****	15	****	****	****	****	14	8	7	5	5	6	6	******
28	5	7	3	4	10	14	23	31	24	17	16	17	15	24	21	****	****	****	38	****	****	5	0	0	14
MEAN	5	5	4	3	4	5	9	15	14	10	8	7	6	6	8	8	10	10	11	9	7	6	7	8	7.6

PERCENTAGE OF DATA VALID - 58.6 PERCENTAGE OF DATA INVALID - 6.5 PERCENTAGE OF DATA UNAVAILABLE - 34.8

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	21	12	2
2	9	5	4	1	2	4	11	26	23	****	****	****	16	25	15	8	10	37	18	6	4	5	5	3	11
3	1	2	2	1	1	1	2	2	2	3	1	0	0	0	0	0	0	0	0	0	0	3	1	0	1
4	0	0	0	0	0	0	0	0	0	0	0	2	8	9	6	7	6	7	9	10	8	7	7	10	4
5	8	7	5	5	5	6	9	16	18	12	10	11	10	10	12	13	15	15	13	10	8	9	16	15	11
6	6	6	5	5	4	9	20	23	36	25	13	14	14	13	14	14	14	15	11	8	7	8	7	7	12
7	8	7	11	6	9	4	7	26	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
8	2	3	2	5	3	1	3	7	9	3	2	2	1	1	0	0	0	0	0	0	0	0	4	8	2
9	2	0	1	8	13	7	20	35	16	12	6	****	1	0	0	0	0	0	0	0	0	0	0	12	6
10	9	5	5	4	4	5	5	7	9	9	10	9	9	8	7	7	7	7	8	7	3	2	1	2	6
11	2	1	1	0	0	0	0	0	0	1	3	4	4	5	5	5	5	6	5	5	5	5	4	3	3
12	2	2	1	0	0	1	5	9	10	8	8	8	7	7	8	8	10	9	7	9	8	17	12	13	7
13	13	7	4	6	6	12	23	33	31	18	17	15	12	10	10	10	12	11	7	7	5	3	3	3	12
14	3	5	3	4	3	2	6	9	12	10	****	****	7	9	8	10	12	14	8	7	6	4	3	3	7
15	1	1	1	1	1	3	10	15	14	14	12	10	10	10	9	10	11	10	7	5	7	11	12	11	8
16	9	8	6	6	3	7	11	16	21	16	14	16	13	14	15	15	15	15	17	17	15	14	11	12	13
17	12	12	10	8	10	10	11	12	18	22	20	24	6	1	1	1	1	1	1	0	0	3	3	2	8
18	2	4	7	8	7	7	7	7	4	2	1	1	0	0	0	0	0	0	0	0	13	19	0	0	4
19	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	1	18	44	3
20	29	23	15	11	10	20	37	34	29	42	14	1	1	1	0	0	0	1	3	2	32	43	38	39	18
21	34	18	14	22	20	24	36	34	15	9	3	2	1	2	1	1	1	1	1	4	31	31	28	35	15
22	25	23	37	27	30	24	17	9	4	3	3	2	1	1	1	1	1	1	1	1	0	0	0	0	9
23	2	2	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	6	1
24	1	1	0	0	0	0	1	1	1	1	1	9	1	1	1	1	7	15	14	11	9	9	9	9	4
25	8	6	5	4	3	3	4	4	5	5	7	8	9	10	11	12	11	11	10	10	10	9	9	7	8
26	4	3	2	1	1	3	9	11	10	10	9	-	8	8	8	9	10	8	7	7	7	6	5	5	7
27	2	1	1	1	1	2	8	14	16	16	15	13	13	12	13	13	15	16	11	8	5	6	7	6	9
28	4	5	4	9	10	12	16	10	9	14	16	11	10	3	0	0	0	0	0	0	0	0	0	0	6
29	4	7	5	4	5	8	13	17	19	16	17	****	18	18	20	3	2	4	7	7	5	6	6	2	9
30	1	0	0	0	0	2	1	1	0	0	0	0	0	0	14	15	14	15	15	16	18	8	7	8	6
31	6	6	4	3	4	5	7	9	9	8	7	8	10	9	9	8	10	11	12	5	1	0	0	0	6
MEAN	7	5	5	5	5	6	10	13	11	10	7	7	6	6	6	6	6	7	6	5	7	8	8	9	7.1

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	2	0	0	0	17	22	15	13	14	14	12	10	8	6	5	5	2	6
3	2	3	1	0	0	1	8	10	11	9	12	12	12	13	15	17	0	0	0	0	0	0	1	1	5
4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
5	4	6	5	4	4	5	9	10	10	8	7	7	8	9	10	11	11	10	10	7	4	4	4	4	7
6	6	3	1	1	1	3	4	5	6	5	2	0	0	0	0	1	2	2	1	1	1	1	1	1	2
7	1	1	1	0	0	0	2	4	6	7	7	6	7	7	7	8	9	9	9	7	5	4	4	6	5
8	5	6	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	6	4	3	1	1
10	1	1	1	1	1	2	10	13	20	14	2	0	0	8	12	14	13	11	10	10	8	10	9	4	7
11	1	0	5	6	8	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	3	5	3	4	4	7	7	7	7	7	6	8	7	14	11	6	3	3	4	5
15	2	1	0	0	0	0	0	0	1	3	5	6	7	7	7	6	7	6	6	8	7	6	6	4	4
16	1	1	0	0	0	3	9	12	12	11	12	12	15	3	12	7	0	0	5	10	2	8	7	8	6
17	1	0	2	3	3	4	11	25	21	17	14	11	****	****	14	19	20	7	2	18	8	7	7	8	10
18	5	4	3	1	3	5	14	28	1	0	0	0	****	****	5	9	0	0	0	2	15	14	11	7	6
19	4	4	3	2	3	8	22	34	18	0	0	0	0	0	****	1	1	1	1	7	2	1	3	1	5
20	0	0	2	8	7	13	24	37	6	1	1	1	1	1	1	1	1	1	1	8	18	1	10	15	7
21	13	13	13	6	2	1	2	2	1	0	0	0	0	0	0	0	0	0	2	0	1	7	13	9	4
22	10	8	7	6	6	7	7	2	1	1	1	1	24	24	24	24	24	24	14	26	24	15	13	11	13
23	9	6	4	1	5	6	13	8	7	3	1	0	0	0	0	0	0	0	0	0	0	7	32	11	5
24	1	2	2	3	2	4	1	1	1	0	0	****	****	5	3	3	2	2	2	1	2	2	2	2	2
25	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0
26	0	0	0	0	0	6	16	20	20	****	****	****	12	11	16	24	29	6	0	0	0	0	0	0	8
27	0	4	2	2	2	8	14	16	16	14	14	18	21	15	15	21	16	14	13	11	8	7	9	9	11
28	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	4	5	1
29	4	2	1	0	0	0	3	4	7	8	10	12	11	11	13	14	15	18	12	16	12	14	12	6	9
30	0	1	1	2	8	1	1	1	0	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
MEAN	3	2	2	2	2	3	6	8	6	4	3	4	6	5	6	7	6	4	4	5	5	4	5	4	4.4

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF OATA INVALIO - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	***.	****	18	13	8	12	11	13	12	9	******	
2	7	8	8	0	1	2	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	5	3	3	3	5	2	1	
4	1	0	0	1	4	13	4	28	15	15	21	15	17	22	23	19	20	21	17	13	10	7	7	5	12	
5	3	1	0	0	1	4	7	9	6	0	0	0	0	0	0	0	8	11	10	8	8	0	0	0	3	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	2	3	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
8	1	3	4	0	0	3	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
9	0	4	5	5	7	21	25	24	17	14	9	10	9	11	13	12	12	10	9	9	9	19	18	15	12	
10	16	8	5	6	9	16	22	33	3	1	2	3	3	****	****	2	0	0	0	0	0	0	0	0	6	
11	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	
12	0	2	6	4	4	9	16	13	15	11	12	13	13	14	3	0	0	5	10	3	1	0	1	6	7	
13	7	3	1	0	0	1	1	3	6	8	10	10	10	10	13	12	11	10	11	16	15	9	8	4	7	
14	4	4	4	4	9	18	19	15	16	20	15	11	12	13	15	15	12	13	14	0	6	14	13	8	11	
15	5	3	2	2	4	12	4	0	0	0	0	0	0	0	0	6	0	0	4	8	6	6	15	7	4	
16	5	1	0	1	3	10	15	18	16	16	18	16	16	0	0	0	0	0	0	0	0	0	2	3	2	6
17	2	0	0	1	3	3	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
18	0	1	2	4	4	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	2	3	4	6	7	9	11	6	0	0	0	0	0	0	0	0	0	1	0	2	
21	4	5	4	2	1	3	1	0	0	0	5	9	9	10	9	10	12	11	12	13	7	7	14	9	7	
22	6	0	1	0	7	8	1	0	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
23	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	1	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	8	9	7	7	9	9	3	
27	9	8	6	3	3	4	6	6	8	12	13	11	5	0	0	0	0	0	0	0	0	0	1	6	4	
28	4	1	4	7	15	20	33	13	3	1	0	20	****	28	20	24	19	19	16	19	14	11	10	7	13	
29	3	3	3	5	11	18	28	29	27	20	11	2	0	0	1	0	8	13	18	2	1	0	0	1	9	
30	0	0	0	0	0	0	5	25	27	2	0	0	0	****	0	0	1	16	17	10	19	2	18	12	7	
31	7	8	6	9	11	7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
MEAN	3	2	2	2	3	6	7	8	6	4	4	4	3	4	3	3	4	5	5	4	4	3	4	3	4.1	

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 3.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	3	4	7	10	14	14	16	10	0	0	0	5	11	11	10	11	9	7	6	7	7
3	7	5	1	1	1	4	5	5	6	8	7	5	5	5	6	5	6	7	8	9	10	10	10	7	6
4	4	0	0	3	5	13	19	17	16	19	3	0	3	7	10	11	10	7	6	5	4	3	6	5	7
5	3	2	4	4	7	10	15	14	12	13	14	13	12	14	15	15	19	8	0	0	0	0	0	0	8
6	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
8	0	1	1	0	0	0	0	8	14	11	11	10	10	10	10	12	10	10	9	8	8	8	10	8	7
9	9	5	4	2	2	6	8	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10	0	0	0	0	0	0	0	3	6	6	6	5	4	3	2	2	3	5	4	6	6	4	6	5	3
11	4	3	3	3	4	8	12	13	14	13	13	11	13	14	15	16	16	12	5	0	0	3	10	7	9
12	5	2	2	2	6	12	19	16	10	17	15	15	15	14	13	15	14	13	9	9	8	9	8	5	11
13	3	2	2	3	4	11	16	17	****	12	12	11	12	14	16	16	17	15	15	14	8	13	19	9	11
14	4	3	3	3	6	15	31	18	9	0	****	****	****	17	13	12	9	8	7	7	5	15	15	6	10
15	2	3	3	3	9	13	17	15	****	****	8	6	7	6	6	5	4	4	4	4	4	5	6	2	6
16	2	3	2	2	3	4	6	6	6	5	5	6	7	3	2	3	2	2	2	4	5	6	6	4	4
17	2	1	1	0	0	0	1	1	2	4	4	3	3	2	2	2	2	3	4	4	6	8	7	2	3
18	1	1	1	1	0	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	6	7	1
19	4	4	3	4	2	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	4	4	0	2	0
21	1	2	2	3	4	11	14	18	17	17	16	13	14	15	15	13	9	9	6	5	7	7	5	3	9
22	1	2	4	5	5	11	19	22	****	15	12	10	9	11	10	10	12	12	12	11	10	8	6	7	10
23	4	2	1	1	1	2	4	6	9	11	12	11	11	10	10	10	10	9	11	11	10	9	9	7	8
24	6	3	2	1	0	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	1
25	0	0	0	1	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	3	6	6	9	1
26	9	14	14	9	4	4	13	6	2	1	0	0	0	0	4	12	11	10	6	6	6	10	15	6	7
27	3	1	1	1	2	12	17	16	7	11	11	8	9	****	****	9	14	10	12	6	4	6	8	4	8
28	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	5	8	8	5	6	6	5	5	5	5	6	6	5	4	4	4	5	6	4	4.6

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	0	0	0	1	2	5	9	9	9	13	13	10	10	10	12	20	19	8	1	1	1	6
2	1	1	1	3	3	3	4	4	6	10	12	10	9	9	9	10	10	14	14	13	9	5	6	5	7
3	5	2	1	2	4	10	15	19	20	23	22	14	13	17	20	20	17	4	1	1	1	0	1	1	10
4	0	0	0	1	1	1	1	1	1	1	1	1	15	5	13	12	6	2	6	8	6	10	9	6	4
5	1	3	3	2	6	17	22	19	17	16	2	0	0	0	0	0	0	0	4	18	18	11	7	5	7
6	3	2	1	3	4	10	14	15	15	18	20	19	****	21	15	1	0	1	0	0	0	1	6	2	7
7	6	5	4	3	4	7	10	12	17	13	1	2	13	4	9	8	11	10	10	11	10	8	8	7	8
8	8	5	3	1	3	3	3	7	1	0	0	0	0	0	0	0	0	0	0	0	3	3	19	18	3
9	10	13	4	4	1	1	3	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	4	2
10	2	1	2	3	4	14	18	21	20	17	18	10	11	12	14	10	7	13	9	5	6	6	8	7	10
11	4	3	1	1	3	14	16	1	1	1	1	1	1	0	2	11	10	10	2	2	6	3	7	7	5
12	8	6	3	4	6	10	16	18	20	****	****	2	3	0	0	0	0	0	6	8	11	16	21	11	8
13	8	5	3	3	7	5	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
14	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	4	10	11	10	9	7	2
15	4	2	2	1	2	3	3	2	2	6	2	0	3	8	10	9	8	9	12	15	9	1	9	10	6
16	7	3	0	2	5	10	17	21	20	7	0	0	0	0	0	4	1	0	0	0	0	1	8	7	5
17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	1	3	6	3	1	0	0	0	0	0	0	0	0	0	0	4	8	8	3	5	2
19	6	5	3	1	6	10	17	21	23	21	19	17	16	16	14	5	0	0	2	8	9	9	8	4	10
20	3	2	2	2	3	7	15	23	****	11	10	9	0	0	0	0	0	0	7	10	10	8	8	6	6
21	8	12	4	2	3	5	9	12	14	2	0	0	0	0	0	0	0	0	4	6	9	6	6	6	5
22	5	2	1	0	2	2	2	3	4	6	8	8	6	7	8	7	7	9	8	7	7	8	10	6	6
23	4	3	2	2	4	13	19	21	9	0	0	0	0	0	0	0	0	0	0	4	6	6	6	6	4
24	5	4	3	2	4	8	16	21	17	15	14	9	7	11	10	9	9	9	7	6	6	5	6	6	9
25	5	3	2	2	3	8	12	15	14	13	12	11	9	8	8	8	6	6	9	10	7	6	8	7	8
26	5	4	4	3	4	7	11	13	10	8	9	10	9	****	10	11	12	10	9	9	9	9	6	3	8
27	2	2	2	2	3	6	8	2	0	0	0	0	0	0	0	0	0	0	0	0	1	9	10	9	2
28	5	4	2	3	2	0	1	1	0	1	3	4	5	5	5	5	5	4	5	7	5	5	6	4	4
29	4	2	1	1	1	3	4	5	4	0	0	0	0	0	0	0	0	0	0	0	8	9	11	2	2
30	1	0	0	0	0	1	0	0	5	1	0	0	****	0	0	0	0	2	9	11	9	3	6	1	2
31	0	1	1	1	2	8	10	9	8	9	8	9	8	7	7	6	6	8	8	7	11	10	4	1	6
MEAN	4	3	2	2	3	6	9	10	9	7	6	5	5	5	5	5	4	4	5	6	7	6	7	5	5.3

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	1	12	9	7	6	6	5	6	6	6	5	7	7	4	6	7	8	8	5	5	
3	4	3	2	2	2	6	15	****	****	13	12	9	6	6	5	5	4	4	5	6	6	6	7	6	6	
4	3	2	1	1	1	3	6	6	6	7	5	4	4	3	5	5	5	5	5	7	6	3	3	2	4	
5	2	2	2	2	3	3	4	6	8	8	9	10	19	24	31	36	39	45	48	45	42	39	37	35	21	
6	30	27	26	24	22	20	18	18	20	22	26	26	24	22	22	23	23	23	22	22	20	17	19	19	22	
7	16	14	13	11	9	11	21	25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
8	****	****	****	****	****	****	****	****	10	9	9	9	10	8	8	9	8	8	9	10	10	7	6	4	8	
9	2	2	2	2	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	1	
10	0	0	0	0	0	2	0	3	3	5	5	4	4	****	6	8	7	8	13	10	9	4	1	5	4	
11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	8	0	
13	9	4	1	2	4	11	17	19	5	3	0	4	7	6	5	5	4	3	2	2	2	1	1	0	5	
14	0	1	1	1	2	8	12	10	9	5	4	3	5	5	5	5	6	5	4	3	3	3	2	1	4	
15	1	0	0	0	1	4	10	13	11	11	13	11	11	11	12	11	12	4	8	9	8	8	7	3	7	
16	2	1	1	1	3	7	12	17	19	0	0	0	0	0	****	0	0	0	0	0	17	14	18	14	5	
17	8	6	6	6	9	25	38	27	4	11	19	18	20	20	22	23	25	13	30	25	13	7	11	8	16	
18	0	1	2	0	0	9	11	11	19	19	22	23	21	26	23	2	0	0	0	0	0	0	0	0	8	
19	10	3	1	0	0	1	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	13	30	21	4	
20	11	5	4	2	1	25	38	31	7	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	5	
21	2	1	1	1	1	5	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	1	
22	1	0	1	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	1	0	1	0	0	0	0	0	16	19	15	****	****	17	14	17	16	14	9	15	6	0	0	7	
24	3	2	2	5	7	14	20	21	****	18	15	14	16	14	15	17	13	15	17	19	18	14	6	7	13	
25	3	1	1	3	4	8	11	12	16	14	5	8	9	8	8	9	9	10	11	10	10	9	11	2	8	
26	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
27	0	0	0	0	2	9	11	2	0	0	0	0	0	0	0	0	8	19	19	20	11	12	19	9	6	
28	3	2	0	0	0	1	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	3	6	5	1	
29	7	0	0	0	0	0	9	23	19	16	17	11	11	10	11	9	9	9	8	7	8	9	10	8	9	
30	8	7	8	5	6	14	23	25	19	16	14	10	8	****	****	14	14	16	18	19	22	18	15	12	14	
31	9	7	6	6	10	18	28	37	27	7	3	1	0	0	0	0	0	0	0	0	0	1	1	2	7	
MEAN	5	3	3	3	3	7	11	11	8	7	7	6	6	6	7	7	7	7	8	8	8	7	8	6	6.5	

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	14	13	12	9	13	12	6	4	2	1	0	0	0	0	0	0	0	0	0	0	1	6	8	5
2	5	4	2	1	1	2	3	5	8	11	13	13	12	12	12	11	12	13	13	12	11	10	11	11	9
3	9	7	6	5	2	3	6	7	10	14	16	10	10	15	19	19	21	25	30	12	3	1	1	1	11
4	0	0	0	0	0	0	1	2	2	2	2	1	0	0	0	0	0	0	0	0	0	0	2	3	1
5	2	1	1	1	2	2	5	7	5	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
6	2	2	1	1	0	3	7	12	32	22	19	16	11	10	11	12	11	10	9	9	8	9	10	7	10
7	4	4	3	4	5	16	15	4	1	1	1	1	1	1	1	1	1	1	2	4	8	11	11	9	5
8	5	2	1	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	1
9	3	4	1	1	1	1	6	9	10	3	1	0	6	****	18	17	18	18	21	22	26	28	22	17	11
10	10	4	3	7	12	15	23	24	20	15	13	13	13	16	19	21	21	16	18	7	1	0	1	1	12
11	1	0	1	1	0	1	3	3	3	2	1	1	0	****	****	-	****	****	****	****	****	****	****	****	******
12												- OATA INVALIO -													
13												- OATA INVALIO -													
14												- OATA INVALIO -													
15												- OATA INVALIO -													
16												- OATA INVALIO -													
17												- OATA INVALIO -													
18												- OATA INVALIO -													
19	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	2	****	11	11	8	1	1	8	******
20	8	8	6	7	18	36	45	49	20	15	14	11	11	13	13	14	13	11	13	10	9	9	8	9	15
21	4	3	5	5	4	12	19	21	****	14	15	12	13	15	24	13	0	0	0	0	****	0	0	1	8
22	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0
24	3	5	6	11	14	26	37	14	4	0	0	0	0	0	0	0	0	0	0	0	5	17	14	7	7
25	6	5	5	5	7	15	25	25	22	19	20	14	****	16	13	11	10	9	10	8	7	7	6	6	12
26	5	4	3	2	3	10	18	21	21	22	19	2	0	1	16	19	24	28	20	25	23	19	19	17	14
27	11	8	7	8	11	19	25	27	23	13	13	19	19	20	25	30	28	27	14	11	22	32	31	23	19
28	8	5	6	5	5	13	17	20	19	22	24	30	33	30	21	5	0	0	0	0	0	0	1	3	11
29	4	4	5	5	3	3	5	4	2	0	0	0	0	0	0	0	0	0	0	0	1	1	5	9	2
30	5	2	1	1	3	4	6	8	7	12	12	5	1	0	0	3	9	11	13	9	8	5	1	1	5
MEAN	5	4	4	4	5	9	13	12	10	9	8	7	6	7	9	8	8	8	8	6	7	7	7	7	7.3

PERCENTAGE OF OATA VALIO - 72.6 PERCENTAGE OF OATA INVALIO - 27.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	3	2	3	3	4	3	1	1	0	0	0	0	0	0	1	1	1
2	5	5	3	1	1	1	1	2	3	1	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	7	10	22	23	22	22	18	15	12	11	12	11	10	10	11	9	9
4	7	4	5	3	5	21	22	22	0	0	0	0	0	9	4	1	1	3	0	0	0	1	8	8	5
5	4	4	3	4	5	14	21	25	24	22	23	28	****	****	28	23	17	20	13	7	7	7	6	5	14
6	7	7	10	7	7	8	12	15	17	19	20	15	18	18	19	17	5	3	12	10	4	6	8	8	11
7	8	5	5	3	0	3	2	2	3	5	6	8	8	7	7	8	9	9	7	7	7	5	5	3	6
8	1	-	0	0	0	1	3	3	8	12	18	17	13	19	21	1	0	0	6	1	0	3	10	15	7
9	4	5	5	5	3	7	1	8	****	****	-	****	0	7	23	19	25	18	13	6	7	11	16	11	10
10	6	5	-	6	1	****	18	16	8	****	****	****	26	26	35	38	20	28	18	15	9	12	15	9	16
11	4	5	7	9	12	26	38	47	59	18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
12	****	****	****	****	****	****	****	****	****	23	19	19	19	20	21	20	28	34	29	16	15	7	6	8	******
13	10	8	6	6	6	9	11	12	14	12	10	9	10	11	11	10	13	15	16	14	7	8	6	4	10
14	5	3	1	0	0	1	2	3	5	7	8	11	11	12	11	9	10	12	12	18	18	15	14	10	8
15	8	8	8	9	11	20	30	-	29	24	24	19	20	19	20	19	18	16	17	21	21	6	0	0	16
16	0	0	0	0	0	0	0	0	****	****	****	-	0	0	0	0	0	0	0	0	0	2	2	2	0
17	1	2	3	3	4	5	7	-	-	7	9	11	11	13	8	10	9	7	6	6	7	21	18	11	8
18	5	4	5	0	0	0	4	4	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	-	-	0	11	6	4	6	7	6	2
20	5	5	4	4	4	8	13	15	15	14	10	9	9	7	7	10	12	10	6	3	2	4	5	5	8
21	5	5	4	3	2	3	6	7	9	8	6	6	7	7	8	9	9	11	11	12	12	10	13	12	8
22	7	6	6	7	10	17	21	31	18	10	9	8	8	10	15	20	22	27	23	16	2	0	0	0	12
23	0	2	4	5	5	20	32	21	14	16	16	18	16	16	17	17	18	13	13	10	10	11	12	9	13
24	6	6	6	6	7	12	15	18	17	17	18	16	10	11	11	14	13	13	8	5	5	-	6	3	11
25	2	2	1	2	3	9	18	20	14	11	14	15	21	17	19	19	16	12	9	7	7	9	11	6	11
26	5	3	1	1	2	10	21	22	16	20	10	19	17	-	26	25	20	22	20	18	16	9	13	9	14
27	7	5	2	2	1	5	9	15	14	14	12	16	15	1	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	2	5	7	7	5	9	10	12	13	13	13	14	16	15	11	9	8	9	9	8
29	5	3	2	0	2	6	19	****	****	25	29	14	13	29	31	17	2	3	2	1	1	2	3	1	10
30	2	2	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
MEAN	4	4	3	3	3	7	11	12	12	11	11	11	10	11	13	12	10	10	9	7	6	6	7	6	8.2

PERCENTAGE OF OATA VALIO - 92.9 PERCENTAGE OF OATA INVALIO - 5.6 PERCENTAGE OF OATA UNAVAILABLE - 1.5

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LE55 THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	3	0	0	1	4	30	24	16	15	16	21	26	26	1	14	25	14	12	9	7	9	10	12
2	10	7	6	7	8	11	17	24	27	20	13	14	15	16	20	23	21	21	19	18	13	7	8	9	15
3	9	7	6	6	4	5	8	11	18	16	17	16	9	11	12	12	15	13	9	12	9	7	6	-	10
4	9	5	4	6	2	2	4	6	4	6	10	11	12	14	15	19	23	2	13	19	16	15	13	15	10
5	13	8	9	10	7	16	11	11	10	4	3	5	2	0	0	15	12	20	2	5	0	0	7	6	7
6	4	4	3	2	2	6	8	11	19	11	11	11	11	12	10	6	5	4	3	3	12	13	10	12	8
7	14	6	3	3	3	5	12	21	18	19	15	16	12	13	14	16	19	14	12	10	8	8	9	16	12
8	11	10	8	4	3	-	****	23	19	15	13	14	15	16	16	19	18	13	13	12	12	12	11	12	13
9	11	5	4	8	8	5	5	5	11	14	7	1	1	0	0	0	0	0	0	-	0	1	1	2	4
10	5	6	7	4	3	1	4	6	11	12	16	17	15	15	15	****	17	20	21	17	14	4	5	7	11
11	1	0	-	0	0	0	0	0	0	0	11	8	-	9	12	10	8	7	12	13	13	12	10	7	6
12	5	5	3	-	2	2	12	5	1	0	0	0	0	0	0	0	0	1	19	5	3	4	5	8	3
13	7	7	3	6	6	5	5	5	5	4	****	2	1	3	7	18	35	13	17	20	16	14	10	6	9
14	4	3	3	2	2	5	15	20	23	18	23	22	17	17	17	14	15	16	15	15	10	10	9	9	13
15	13	15	12	13	11	11	27	28	27	19	14	16	16	20	21	18	16	14	13	11	9	7	10	7	15
16	2	1	0	0	0	0	0	0	6	21	20	18	15	10	12	18	18	21	18	13	11	9	7	7	9
17	6	7	5	4	5	6	5	7	10	13	11	10	10	10	9	12	13	16	23	18	26	21	19	20	12
18	15	17	10	5	5	7	4	5	6	4	8	5	4	2	2	2	1	1	0	0	0	0	1	1	4
19	4	13	3	0	0	0	1	2	3	2	****	****	4	4	3	2	1	1	0	0	0	1	0	0	2
20	0	0	2	5	6	8	17	24	23	17	****	12	12	12	11	11	16	20	16	16	12	16	14	2	12
21	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
22	7	8	1	0	2	4	10	16	16	17	12	14	15	16	18	18	14	14	10	7	5	5	6	5	10
23	-	3	3	4	6	2	0	4	-	30	20	16	14	17	20	21	24	13	20	23	16	3	0	1	12
24	5	8	3	1	1	2	2	5	6	6	8	10	11	12	12	12	13	13	14	11	12	****	12	14	8
25	18	10	11	11	5	4	2	3	2	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	3
26	0	0	0	1	0	1	0	4	25	****	14	10	8	9	9	10	9	7	5	6	5	4	4	4	6
27	3	3	4	5	3	4	8	13	15	13	12	11	10	11	13	17	20	22	20	13	2	1	3	0	9
28	0	0	0	0	0	2	11	10	9	8	8	8	7	8	11	12	12	11	11	9	9	6	8	8	7
29	3	2	2	2	5	6	11	17	17	13	14	10	10	10	13	****	-	****	12	10	9	9	9	10	9
30	8	7	6	5	5	7	9	11	14	12	12	12	10	10	12	15	15	15	14	13	11	8	7	9	10
MEAN	6	6	4	4	3	4	7	11	13	11	11	11	10	10	11	11	13	12	12	11	9	7	7	7	8.8

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	6	5	5	2	3	9	2	0	0	1	0	0	0	0	****	5	2	1	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	1	1	1	1	2	9	9	8	8	13	12	9	13	12	14	12	5
3	8	8	7	6	5	8	16	19	18	15	18	15	12	13	13	17	****	16	11	10	10	7	6	5	11
4	6	6	6	5	6	6	13	18	20	18	15	15	12	11	10	****	14	15	14	13	11	12	12	13	12
5	10	10	7	5	6	8	15	22	21	16	13	13	11	12	8	9	11	9	6	5	4	4	6	6	10
6	4	3	3	4	6	14	21	23	22	18	17	20	19	18	20	15	15	15	12	10	10	10	11	13	
7	9	7	8	8	9	9	20	26	30	25	20	****	13	14	14	16	17	14	10	11	11	7	6	6	13
8	5	1	1	0	0	0	1	3	6	7	9	10	7	5	9	11	11	7	****	5	6	5	7	7	5
9	7	6	4	3	3	3	4	4	6	6	9	9	8	9	10	9	10	10	10	8	11	8	8	6	7
10	4	2	2	2	6	1	1	11	5	1	2	1	2	4	21	33	22	2	0	5	14	11	9	8	7
11	11	8	6	5	5	6	13	16	19	10	12	16	11	12	15	15	19	19	13	10	8	9	7	7	11
12	7	3	5	3	4	4	8	14	22	20	17	18	16	16	17	14	26	23	9	0	0	0	0	0	10
13	0	0	0	0	0	0	0	1	1	0	0	0	0	2	3	3	2	25	15	13	15	8	5	6	4
14	5	7	2	4	4	10	15	22	14	12	****	****	10	****	9	****	14	13	13	14	12	10	8	6	10
15	10	10	9	10	10	9	17	25	27	17	13	15	12	10	10	12	18	17	16	15	13	10	7	10	13
16	9	9	9	5	7	6	5	6	7	9	12	11	9	13	12	17	3	4	4	5	5	4	3	3	7
17	2	1	0	0	1	0	4	3	20	16	14	****	14	7	8	10	15	14	14	11	8	10	10	9	8
18	8	7	7	7	6	7	12	17	21	27	21	2	2	1	1	1	4	4	6	0	0	0	0	0	7
19	0	1	3	6	1	0	0	0	0	1	1	1	0	0	2	0	0	0	0	0	0	0	0	2	1
20	2	2	0	0	3	1	2	3	5	4	****	7	8	6	7	10	14	15	15	16	27	17	18	15	9
21	15	14	18	18	26	28	37	33	12	17	10	7	8	7	7	6	20	47	50	32	37	31	34	13	22
22	20	12	4	5	3	3	5	6	11	10	12	13	12	13	19	20	20	17	14	13	10	11	7	5	11
23	4	11	5	3	2	2	4	4	5	5	9	11	14	16	17	16	14	11	12	15	14	12	14	13	10
24	9	4	2	3	2	1	4	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	0	0	0	0	0	0	3	3	4	9	15	15	13	14	13	13	12	14	14	6	5	5	8	7
27	4	2	0	0	0	1	6	10	14	12	15	13	16	16	16	16	19	18	8	7	6	5	4	4	9
28	2	1	1	0	0	1	6	10	11	****	****	8	6	6	8	9	10	10	8	10	11	7	6	5	6
29	4	2	1	1	1	0	2	6	6	5	8	11	8	8	9	8	9	7	6	6	5	5	6	7	5
30	4	3	2	2	3	5	2	3	2	4	6	9	10	11	13	13	10	10	10	8	10	10	13	9	7
31	9	21	3	1	0	1	4	11	13	****	10	10	11	11	13	18	19	14	13	13	13	8	4	-	10
MEAN	6	5	4	4	4	4	8	10	11	10	10	9	9	9	10	12	12	12	11	9	9	8	7	7	8.2

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	25	9.7	22	57
FEB	14	7.6	14	57
MAR	31	7.1	18	44
APR	29	4.4	13	37
MAY	30	4.1	13	33
JUN	30	4.6	11	31
JUL	31	5.3	10	23
AUG	30	6.5	22	48
SEP	21	7.3	19	49
OCT	29	8.2	16	59
NOV	30	8.8	15	35
DEC	31	8.2	22	50
YEAR	331	6.8	22	59

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29008 NORTH PARK HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	227	177	161	57	14	0	1	637
FEB	206	79	80	19	7	2	1	394
MAR	375	187	132	22	17	3	0	736
APR	472	115	87	18	3	0	0	695
MAY	511	90	99	16	2	0	0	718
JUN	450	136	117	1	1	0	0	705
JUL	433	194	98	13	0	0	0	738
AUG	419	127	110	41	10	4	0	711
SEP	293	70	112	40	6	2	0	523
OCT	315	153	167	47	7	1	1	691
NOV	268	150	246	35	1	0	0	700
DEC	290	199	207	24	7	2	0	729
YEAR	4259	1677	1616	333	75	14	3	7977

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
91.1	0	0.0	0.4	4.3	8.9	16.2	20.4	26.3	30.9	59	6.8

ONTARID MINISTRY DF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC DXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	1	1	1	2	2	3	2	1	1	2	1	1	1	4	3	0	1	1	6	2	1	1	2
2	D	0	0	D	0	0	1	0	0	0	1	D	D	0	3	6	6	3	1	1	D	D	D	D	1
3	D	D	0	D	D	D	1	2	4	2	2	2	2	2	2	3	6	3	1	1	1	1	1	1	2
4	1	D	D	0	-	-	-	-	-	****	2	2	2	2	2	2	5	5	2	1	1	1	D	0	2
5	D	0	D	0	0	0	2	4	4	2	2	2	2	3	3	5	8	8	7	6	6	5	4	6	3
6	5	5	4	5	4	3	3	3	4	5	3	3	3	3	3	2	3	5	3	1	2	2	2	3	3
7	2	2	2	1	1	1	3	6	5	4	4	3	1	2	1	1	1	D	2	2	2	2	2	2	2
8	1	D	1	1	1	1	3	6	6	6	4	2	2	2	2	2	4	4	2	2	1	1	1	1	2
9	1	1	1	1	1	1	1	2	2	1	2	1	2	2	2	3	5	5	4	3	3	3	3	3	2
10	2	1	1	1	0	1	2	6	7	****	4	4	4	4	2	3	6	6	1	2	4	2	3	2	3
11	2	2	4	8	1D	11	19	32	29	16	7	5	5	4	4	5	10	15	11	17	24	24	23	14	13
12	28	24	3D	15	6	2	2	6	12	18	2D	11	5	4	6	6	9	1D	10	15	16	15	16	15	13
13	14	12	17	17	15	5	3	2	3	3	5	7	5	3	3	3	2	2	2	1	1	4	9	14	6
14	16	16	18	11	3	1	1	2	1	D	D	D	0	D	D	D	0	D	D	0	0	D	D	D	3
15	D	D	D	D	D	0	1	2	3	2	3	2	2	2	2	3	4	3	2	1	D	1	1	2	2
16	2	2	1	1	D	1	4	7	8	7	3	4	3	3	3	5	1D	8	7	7	6	1D	11	13	5
17	16	16	11	6	4	4	6	12	11	9	13	14	14	2D	12	9	8	1	2	1	0	1	1	1	8
18	D	0	D	D	D	0	0	0	D	D	D	0	D	D	D	D	0	1	1	0	D	D	0	0	D
19	D	1	2	3	D	4	10	17	19	23	24	8	6	6	5	2	5	2	2	3	1	1	1	1	6
20	2	7	5	5	5	4	4	6	4	3	5	6	7	7	7	10	14	9	5	3	3	5	3	2	5
21	4	3	7	2	D	D	0	D	0	D	D	D	0	D	D	D	D	D	D	D	D	1	1	1	1
22	0	0	0	D	0	0	1	2	3	2	1	2	2	1	1	2	3	2	2	1	1	1	1	1	1
23	1	1	1	1	0	D	2	7	11	9	6	4	4	3	4	2	2	1	2	8	16	25	26	20	7
24	18	12	8	4	3	4	11	12	2	3	4	3	3	5	1D	11	6	8	3	1	****	1	****	****	6
25	3	4	4	****	D	0	0	0	1	D	D	0	1	0	0	D	D	D	D	1	0	D	0	D	1
26	D	0	0	0	0	1	4	1	1	0	1	1	0	1	2	3	2	1	0	0	2	3	3	5	1
27	3	3	1	0	D	0	1	2	3	6	3	D	0	10	11	4	6	6	8	2	4	2	1	1	3
28	1	0	0	D	D	0	D	0	D	1	1	1	0	1	D	1	D	0	1	1	1	1	1	1	1
29	D	0	D	D	D	0	1	1	1	2	1	2	1	1	2	2	2	2	1	D	1	0	1	1	1
30	0	0	D	0	D	0	D	0	1	****	1	D	1	1	2	2	3	3	2	1	1	1	1	D	1
31	0	0	D	D	D	0	0	0	D	D	0	0	0	0	1	1	2	D	D	D	0	D	D	0	D
MEAN	4	4	4	3	2	2	3	5	5	4	4	3	3	3	3	3	4	4	3	3	3	4	4	4	3.4

PERCENTAGE DF DATA VALID - 98.4 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - D.01 PARTS/MILLIDN

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTDN MONTH - FEB 79

HDUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	D	0	0	D	D	D	D	D	0	D	1	1	D	D	1	D	D	D	D
2	0	D	D	0	0	0	1	4	4	2	1	1	1	2	1	2	2	3	4	4	6	8	6	8	3
3	7	4	2	1	3	4	7	9	11	8	7	4	3	3	3	2	4	7	7	8	8	6	3	2	5
4	3	2	1	1	1	1	1	1	0	D	0	0	D	0	0	0	0	0	0	D	D	0	D	D	D
5	D	D	0	D	D	D	1	1	2	2	2	2	2	1	1	2	4	2	1	1	1	1	1	1	1
6	1	1	1	1	1	2	6	8	14	12	1D	6	6	5	5	6	13	8	5	5	5	2	7	7	6
7	4	8	7	8	8	4	13	23	24	11	4	1	1	1	1	2	5	6	8	1D	9	6	5	4	7
8	D	0	D	0	D	D	1	2	3	3	****	1	1	1	1	1	2	2	1	0	D	0	D	0	1
9	0	D	D	D	D	D	0	1	1	1	1	1	0	0	1	1	1	2	2	3	3	3	4	4	1
10	1	3	1	D	0	0	1	2	2	2	D	0	0	0	0	D	0	D	0	0	0	D	1	1	1
11	D	0	D	D	0	0	0	1	1	1	0	D	1	3	2	1	1	4	6	6	4	5	8	10	2
12	8	8	3	4	4	6	8	8	8	****	4	4	6	6	1	1	2	5	5	3	D	D	D	0	4
13	0	0	D	0	D	0	0	0	D	0	0	0	0	0	D	0	0	0	1	6	3	2	2	1	1
14	0	D	D	0	D	D	D	1	1	1	3	5	4	4	4	4	6	5	2	1	1	1	D	1	2
15	1	2	1	D	0	2	2	4	3	2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
16	1	1	1	0	0	0	D	0	0	0	0	0	0	0	1	0	D	D	D	0	D	D	D	D	D
17	D	0	0	0	0	0	D	0	0	D	0	D	0	D	D	0	D	D	1	2	6	9	1	1	1
18	D	D	1	1	D	1	1	2	3	2	D	D	D	D	D	D	D	D	0	D	1	1	2	2	1
19	2	2	0	1	1	1	2	6	13	****	13	5	1	1	2	3	4	3	2	2	1	1	1	1	3
20	1	1	0	0	D	D	2	7	7	5	2	2	2	2	2	4	6	4	3	4	6	5	8	9	3
21	3	2	2	3	4	4	11	16	15	16	9	4	2	3	1	1	2	1	1	1	1	1	1	1	4
22	1	0	D	0	D	0	1	1	1	D	D	1	1	3	3	2	5	6	8	4	1	1	1	1	2
23	1	1	1	2	1	2	4	4	4	6	5	5	3	17	14	17	8	5	4	3	3	2	3	4	5
24	3	3	1	1	1	1	2	1	1	1	D	0	0	D	0	0	D	D	D	D	0	D	0	0	1
25	0	D	D	D	0	0	D	0	D	1	5	2	2	5	2	2	2	3	6	1	1	2	5	3	2
26	5	3	3	8	9	9	2	3	1	1	D	0	0	0	D	0	D	D	D	D	D	D	D	1	2
27	0	D	D	D	0	D	3	2	3	2	2	1	1	1	0	0	2	1	2	1	1	1	2	3	1
28	1	1	0	1	1	0	9	8	1D	5	4	2	3	1	2	3	8	8	9	11	13	16	19	14	6
MEAN	2	2	1	1	1	1	3	4	5	3	3	2	1	2	2	2	3	3	3	3	3	3	3	3	2.3

PERCENTAGE DF DATA VALID - 99.6 PERCENTAGE DF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATIDN FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	3	3	4	7	1	1	5	2	2	2	3	7	8	****	4	6	4	2	2	3	6	8	4
2	7	5	2	0	0	1	4	7	7	3	4	4	6	5	7	7	12	10	6	12	22	10	9	11	7
3	15	15	8	12	11	1	2	3	3	4	1	3	4	3	4	2	3	2	6	12	7	10	23	12	7
4	8	13	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1
5	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	2	3	3	2	4	3	3	4	3	2
6	1	1	0	0	0	1	4	5	7	5	3	3	3	3	2	2	4	2	1	1	1	1	1	2	2
7	4	2	1	0	6	6	17	18	10	6	3	1	1	2	2	1	3	2	2	2	2	1	2	5	4
8	2	3	3	6	3	1	1	4	6	4	2	1	1	2	1	1	1	0	0	0	0	0	1	1	2
9	1	1	3	6	4	5	12	32	23	11	7	2	2	4	4	6	6	5	6	6	10	4	0	2	7
10	2	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	0	1	5	7	6	3	1
13	1	1	0	1	0	1	6	8	8	6	8	3	1	2	1	1	2	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	1	****	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1
16	1	0	0	0	0	0	2	3	5	2	2	2	2	2	1	1	2	2	2	3	2	2	1	3	2
17	3	3	2	1	0	0	2	4	5	3	2	1	2	1	1	6	4	7	4	5	2	2	2	1	3
18	3	5	5	5	5	5	7	6	4	4	4	1	2	1	0	0	0	0	1	1	0	1	1	1	3
19	1	0	0	0	0	0	1	1	2	2	1	1	2	5	7	2	1	2	5	7	13	12	19	33	5
20	38	18	12	16	25	23	34	32	14	8	6	2	5	3	1	1	1	2	7	6	35	39	49	33	17
21	29	22	12	15	21	20	20	24	19	2	7	7	3	2	2	3	4	5	6	7	20	23	26	30	14
22	26	26	21	20	22	19	20	9	8	10	9	4	2	1	1	1	1	1	3	1	9	3	3	3	9
23	2	1	0	2	1	2	1	5	8	4	5	8	11	5	2	2	1	0	11	11	0	0	1	1	4
24	1	2	6	4	1	1	1	1	6	7	9	3	3	4	6	6	2	1	2	2	1	1	1	1	3
25	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	2	1	0
26	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1
27	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1
28	1	2	2	2	1	1	10	10	3	1	1	1	2	2	2	2	1	2	2	2	2	0	2	2	2
29	1	1	0	0	0	0	1	3	6	2	1	3	2	3	2	3	17	12	11	12	11	9	6	4	5
30	4	3	4	1	0	0	1	7	11	17	19	21	13	4	2	2	3	2	2	5	6	2	1	1	5
31	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
MEAN	5	4	3	3	3	3	5	6	5	4	3	2	2	2	2	2	3	2	3	3	5	4	5	5	3.6

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	3	2	2	1
2	2	2	4	6	7	3	7	5	3	7	8	12	8	3	3	3	2	1	1	2	0	0	0	0	4
3	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	4	0	1	0
4	4	6	1	0	2	5	6	4	2	3	5	6	5	3	1	1	1	1	0	0	0	1	2	1	3
5	2	0	0	0	0	0	0	1	1	1	0	1	1	1	1	2	2	2	2	2	1	1	1	0	1
6	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	1	1	2	2	1	1	0	1	1	0	0	1	0	0	0	0	0	1	2	2	2	1
9	2	2	1	1	1	1	3	7	3	3	1	0	0	0	0	0	0	0	0	1	3	3	2	1	1
10	0	0	0	0	0	0	2	3	3	1	0	0	0	0	0	1	2	0	1	2	4	2	3	3	1
11	14	10	14	15	8	5	5	7	4	2	1	1	1	1	3	5	5	4	2	1	1	2	6	6	5
12	10	9	2	5	8	8	5	3	5	5	5	6	7	6	2	1	8	3	7	8	12	8	8	8	6
13	10	4	7	9	13	4	2	5	6	6	6	6	6	3	6	3	1	1	4	5	5	3	6	1	5
14	2	1	0	0	3	2	0	0	0	1	1	1	0	1	1	1	1	0	1	2	0	0	0	1	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	2	1	0
17	0	0	0	0	0	1	3	4	4	3	****	0	0	0	0	0	0	0	0	0	0	0	1	1	1
18	0	1	0	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
19	0	0	0	0	0	1	8	8	3	0	0	0	0	0	0	0	0	0	1	0	0	0	10	10	2
20	1	0	3	3	2	8	11	12	2	****	10	8	3	2	1	2	3	2	3	7	3	2	3	3	4
21	4	7	12	13	6	5	5	3	1	2	6	3	1	1	1	0	1	0	0	3	5	7	10	11	4
22	6	3	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	2	3	1	2	1
23	1	1	1	0	1	2	6	12	9	4	2	1	2	2	2	0	1	3	5	8	2	10	17	23	5
24	26	14	8	9	13	11	9	14	10	4	8	7	3	1	1	2	4	0	0	0	0	0	6	5	6
25	2	2	0	0	0	0	0	0	9	7	6	6	3	5	4	1	2	3	1	0	1	7	10	3	3
26	13	5	0	0	0	0	1	2	2	1	1	1	1	1	1	2	3	2	1	1	0	0	1	4	2
27	7	1	0	0	0	0	1	2	3	2	****	1	2	3	1	2	5	2	1	2	2	2	2	1	2
28	0	0	0	0	0	0	1	1	2	1	1	2	3	4	4	6	3	1	1	2	5	6	1	2	2
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	1	0
30	0	0	0	3	1	6	11	8	6	8	4	8	5	2	1	1	0	0	0	1	1	0	0	0	3
MEAN	4	2	2	2	2	2	3	4	3	2	2	2	2	1	1	1	2	1	1	2	2	2	3	3	2.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	1	1	0	1	3	4	4	3	1
2	3	5	5	4	4	7	6	8	4	2	1	2	3	4	2	3	2	1	1	1	1	3	2	3	3
3	6	6	3	3	2	1	2	3	2	5	5	8	10	16	13	25	27	9	0	0	0	0	0	0	6
4	0	0	0	0	0	1	1	****	2	3	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1
5	1	0	0	0	0	0	0	0	0	0	1	0	1	3	1	0	1	1	1	1	1	0	0	1	1
6	1	0	0	0	0	1	1	1	1	2	3	1	2	2	2	3	2	2	1	2	4	3	3	3	2
7	3	2	3	2	1	2	2	4	6	6	2	2	3	3	2	2	2	1	0	0	7	10	11	3	3
8	0	0	0	1	1	16	19	8	5	7	7	3	5	6	3	1	1	1	1	2	1	0	3	2	4
9	1	0	1	1	1	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1
10	1	1	1	1	1	2	2	2	2	1	1	2	2	2	2	2	2	3	3	2	1	1	1	7	2
11	3	1	3	2	2	2	9	****	6	2	9	4	3	3	1	1	2	1	2	7	1	1	0	6	3
12	10	6	6	1	1	3	3	2	2	1	2	1	1	1	1	1	1	1	0	1	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
14	0	0	0	0	0	2	4	4	1	1	1	0	0	0	1	2	0	0	0	4	3	2	2	2	1
15	0	0	0	0	0	1	3	0	2	3	2	3	4	2	3	8	7	4	1	0	0	0	1	1	2
16	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0
17	5	2	2	3	8	10	10	7	3	4	3	3	1	1	1	3	0	0	1	3	5	1	2	10	4
18	4	8	8	9	5	8	8	6	9	****	11	7	10	3	2	1	1	1	1	0	0	0	14	9	5
19	3	2	0	0	1	3	2	2	2	1	1	3	2	1	1	1	2	2	1	4	5	6	9	6	3
20	5	2	3	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	4	3	1	7	1
21	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	1	2	1	0	1	0	0	0	0	1	0	1	1	2	0	1	2	1	1
23	1	1	1	2	1	3	4	2	2	2	2	4	4	2	1	1	1	3	1	2	1	2	1	1	2
24	2	1	1	0	0	0	1	3	4	4	2	4	1	1	1	3	2	1	2	2	2	4	3	5	2
25	5	3	4	0	0	0	0	0	0	1	2	4	9	7	3	4	4	4	0	0	0	0	1	3	2
26	4	3	4	2	2	3	5	4	6	5	2	7	3	4	3	2	1	0	1	1	1	0	2	2	3
27	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	1	2	4	0	1
28	0	0	0	0	0	3	5	3	4	4	3	2	3	4	3	7	3	2	2	3	2	1	2	0	2
29	0	0	0	1	1	7	13	17	10	1	2	2	5	2	5	6	1	0	0	0	4	3	3	3	3
30	1	1	1	1	2	7	13	9	4	1	0	0	0	0	0	0	1	0	1	1	2	6	10	6	3
31	4	3	3	3	5	8	18	7	5	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
MEAN	2	2	2	1	1	3	4	3	3	2	2	2	2	2	2	3	2	1	1	1	2	2	3	3	2.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	1	0	0	1	6	1	****	1	1	1	1	3	3	6	6	3	1	2	7	3	0	8	15	3
2	11	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	4	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1
5	1	1	1	1	1	3	3	2	1	3	4	2	1	1	1	1	0	0	0	0	0	0	0	0	1
6	0	1	1	3	3	6	4	5	8	4	2	1	2	2	4	3	6	6	2	2	6	4	1	0	3
7	1	1	1	1	1	2	6	13	8	9	5	4	6	4	3	3	5	7	10	2	8	5	13	15	6
8	4	2	1	1	2	2	****	****	2	3	3	2	3	3	3	2	2	2	2	2	2	4	3	3	2
9	4	2	1	1	1	2	2	2	2	4	3	2	2	2	2	2	1	1	2	2	2	1	2	2	2
10	2	2	1	2	2	3	3	3	3	3	3	3	4	3	3	3	3	2	3	2	2	1	0	0	2
11	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
12	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3	1	1
13	0	0	0	0	0	2	3	4	2	1	0	0	1	0	0	0	0	0	0	0	2	11	3	0	1
14	0	0	0	1	3	5	4	5	3	2	1	1	2	****	****	1	0	0	1	1	1	1	1	1	2
15	0	0	0	0	0	2	3	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0
18	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	5	8	5	1
19	6	2	1	1	2	5	3	4	3	1	1	2	1	1	1	1	0	0	1	1	2	4	6	1	2
20	4	5	3	2	2	11	8	6	4	4	2	1	1	1	1	1	2	2	1	0	0	0	1	0	3
21	0	0	0	0	0	1	1	4	3	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	3	4	3	1	1	****	1	1	0	1	1	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	3	14	6	1	2	3	4	1	0	1	1	0	1	0	0	1	3	5	10	9	3
26	7	3	3	3	5	16	10	5	6	5	4	2	1	2	0	0	0	0	0	0	0	1	0	0	3
27	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2	5	3	0	0	0	0	0	1	3	1
28	1	0	0	0	0	1	7	9	4	0	1	1	0	0	1	3	0	0	0	1	1	1	1	0	1
29	4	2	1	0	0	2	8	5	4	4	****	3	5	6	7	11	9	4	3	4	1	3	5	6	4
30	4	2	1	0	0	3	4	3	4	4	3	4	4	3	1	0	3	1	3	3	3	1	6	8	3
MEAN	2	1	1	1	1	3	3	3	2	2	2	1	1	1	1	2	1	1	1	1	1	2	3	2	1.6

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	7	1	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	2	2	2	3	3	2
2	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	2	4	4	3	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1
4	0	1	1	3	2	7	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1
6	0	0	0	0	0	3	****	****	1	1	0	0	0	0	0	0	0	0	0	0	0	2	5	7	1
7	4	2	1	0	0	2	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1
8	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	8	1
9	5	4	2	1	1	6	8	5	3	6	3	2	2	1	1	1	0	0	0	0	2	1	2	0	2
10	0	0	0	0	0	3	5	6	4	4	2	1	1	1	1	1	1	2	1	1	1	1	2	1	2
11	0	0	0	0	0	0	2	1	2	2	1	1	2	2	2	2	1	1	2	1	2	2	8	2	2
12	1	1	1	1	1	3	5	6	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	2	1
13	1	1	1	1	1	3	3	6	4	1	****	1	1	1	1	1	0	0	1	2	2	3	1	2	2
14	3	1	2	1	3	3	3	2	1	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	5	6	2	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	2	1	0	0	1	3	3	2	1	0	1	0	0	0	0	0	1
18	0	0	0	0	1	9	11	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1
19	1	1	1	2	3	6	7	9	3	****	1	0	0	0	0	1	0	0	1	1	1	1	0	0	2
20	0	0	0	0	0	1	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
21	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	2	5	4	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	2	3	3	2	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	2	3	4	3	3	2	2	2	1	1	1	1	1	2	3	2	2	2	2	2
26	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1
27	1	0	0	0	0	3	6	****	2	5	1	4	3	2	1	1	1	0	1	3	6	1	1	1	2
28	1	0	0	0	1	1	4	1	1	5	1	1	1	1	2	2	1	1	1	1	1	1	2	4	1
29	4	1	0	0	0	0	0	1	1	0	0	2	4	3	2	0	0	0	0	1	1	2	2	2	1
30	4	3	2	3	5	12	11	5	2	1	0	1	****	1	0	2	0	0	0	0	1	0	0	0	2
31	0	0	1	1	1	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	3	5	4	1	2
MEAN	1	1	1	1	1	3	4	3	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1.2

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	1	1	2	4	3	3	4	3	2	1	1	1	2	2	2	4	5	3	2	2
2	2	1	1	1	1	4	7	2	2	1	****	1	1	1	1	1	1	0	1	1	5	7	2	1	2
3	0	0	0	0	0	3	3	2	2	2	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1
4	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	3	7	10	6	1
7	6	3	3	2	4	7	7	6	4	3	3	3	1	1	1	1	1	1	2	1	1	1	0	0	3
8	0	0	0	0	0	2	4	7	4	3	4	4	2	2	2	1	1	1	0	0	0	1	1	1	2
9	0	0	0	0	0	8	6	4	2	3	7	6	1	2	2	1	1	0	2	5	8	3	2	2	3
10	3	2	1	0	1	5	4	7	6	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	2
11	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	0	0	0	0	1
12	0	0	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	2	6	12	15	14	2
13	11	7	3	3	3	8	15	17	8	4	3	1	1	1	1	1	1	0	0	0	0	0	0	0	4
14	0	0	0	0	0	1	3	4	3	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
15	0	0	0	0	0	1	2	1	****	****	0	0	0	0	0	0	0	0	0	0	0	3	5	3	1
16	2	1	0	0	0	3	6	8	6	4	4	3	3	2	1	1	1	0	0	0	2	2	2	2	2
17	3	2	1	1	1	4	6	9	5	3	3	3	3	3	5	7	7	5	4	3	3	2	2	2	4
18	2	2	1	0	0	1	1	1	1	2	3	3	3	2	2	2	1	3	3	2	2	2	3	3	2
19	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	6	9	1
20	12	11	8	7	6	11	15	11	7	6	4	3	3	3	3	3	3	2	2	2	2	2	2	3	5
21	3	3	4	4	6	12	20	14	9	8	6	4	2	1	1	2	2	2	2	4	4	10	12	10	6
22	8	6	6	6	5	3	4	6	7	8	8	4	2	2	2	2	2	1	1	1	2	4	5	5	4
23	4	4	4	3	3	6	11	11	8	6	****	****	4	4	3	4	4	3	2	2	2	3	4	3	4
24	2	1	1	1	1	2	4	4	3	3	3	3	3	3	2	3	3	2	2	3	2	2	2	1	2
25	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
26	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	1	1	1	2
27	0	0	0	1	1	1	4	7	8	6	2	1	1	1	1	2	2	1	1	2	2	1	1	1	2
28	1	1	2	2	1	3	6	9	6	3	4	5	3	1	2	2	2	2	2	4	3	2	1	1	3
29	1	1	1	1	1	3	5	5	4	3	3	4	3	2	2	2	2	1	1	1	1	1	1	2	2
30	1	1	1	1	1	1	4	6	4	3	3	2	1	0	1	1	1	0	0	0	1	1	2	1	2
31	1	1	1	1	1	4	8	11	8	6	4	4	4	4	5	4	2	1	1	2	4	4	4	9	4
MEAN	2	2	1	1	1	3	5	5	4	3	3	2	2	1	1	2	1	1	1	1	2	3	3	3	2.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	11	10	10	8	5	5	4	4	3	2	1	1	2	2	2	0	0	1	2	1	1	0	0	4
2	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
4	1	1	0	0	0	0	1	1	3	5	5	5	4	4	3	2	2	2	2	2	3	6	6	5	3
5	4	7	8	5	3	4	7	8	6	5	4	3	2	1	3	4	3	2	2	3	3	2	1	1	4
6	1	1	1	1	1	1	2	5	7	7	4	1	0	0	0	1	1	0	0	0	0	1	1	1	2
7	1	1	0	0	0	1	2	2	1	2	3	3	3	4	3	2	1	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	7	10	5	2	2	1
9	3	6	4	3	2	2	3	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	0	0	0	0	0	1	2	3	3	1	1	1	1	2	4	5	4	3	2	0	0	0	0	0	1
11	1	1	1	1	1	1	2	3	3	3	3	1	3	4	4	3	3	2	3	6	9	9	13	12	4
12	7	4	3	2	3	11	25	23	14	5	5	5	3	3	2	2	1	1	1	2	2	3	3	2	6
13	1	1	1	3	4	6	10	6	3	2	1	1	1	1	1	2	2	2	3	1	1	1	1	1	2
14	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2	2	3	2	1
15	2	1	1	1	1	2	3	3	3	2	1	2	1	1	1	1	1	1	1	2	3	2	4	5	2
16	6	4	1	1	1	2	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2
17	0	0	0	0	0	2	4	5	5	3	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
19	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0	
20	5	5	5	4	4	7	15	22	****	****	3	2	2	2	2	2	3	2	3	4	3	3	2	1	5
21	1	1	1	1	1	2	4	7	5	4	3	2	1	1	1	0	0	0	0	1	1	0	0	0	2
22	1	1	1	1	1	1	1	1	2	4	3	2	1	1	1	1	1	0	0	0	0	0	0	0	1
23	1	1	1	1	1	1	1	1	3	5	4	2	1	1	1	1	2	2	3	10	17	19	20	15	5
24	8	4	4	8	11	19	34	40	28	13	8	7	6	5	4	3	2	1	2	6	13	14	14	13	11
25	8	6	3	1	1	2	5	8	9	7	6	4	3	3	2	2	2	1	2	2	1	1	4	5	4
26	4	1	1	1	1	2	4	8	8	6	6	4	3	2	1	1	1	1	7	17	15	15	18	21	6
27	20	15	10	8	8	11	17	18	15	8	5	4	4	4	4	5	6	7	10	16	19	21	22	15	11
28	7	4	2	1	1	2	4	6	5	4	6	6	8	9	9	9	4	2	7	8	4	2	3	5	5
29	4	5	5	3	3	4	7	7	6	4	1	1	2	1	1	1	1	0	1	4	8	10	10	13	4
30	20	20	12	6	2	1	1	1	1	1	1	1	0	1	0	0	0	1	0	0	1	0	0	0	3
MEAN	4	3	3	2	2	3	6	6	5	3	3	2	2	2	2	2	2	1	2	3	4	4	4	4	3.1

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	3	4	4	4	6	8	8	9	11	11	9	5	7	7	6	5	6	5
2	6	6	4	3	1	1	1	2	5	5	5	4	4	3	2	1	1	1	2	3	1	2	4	6	3
3	3	2	2	2	2	1	2	7	9	****	14	14	12	11	10	8	6	4	3	3	3	2	3	2	5
4	1	1	1	1	1	4	9	13	12	11	7	5	4	4	3	1	1	1	1	1	1	1	3	3	4
5	3	3	2	1	1	3	7	11	10	8	7	8	8	6	7	10	16	15	9	5	3	3	2	1	6
6	1	0	0	0	1	1	2	3	3	5	4	4	5	5	5	5	4	4	4	4	1	1	1	1	3
7	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1
8	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	5	5	6	5	6	7	9	10	3
9	9	6	3	2	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	3	10	11	2
10	14	10	5	4	5	15	24	29	34	16	9	6	****	****	10	11	8	5	6	6	6	5	8	5	11
11	2	1	1	1	3	9	20	28	24	13	10	8	7	6	9	13	13	10	7	10	8	6	4	2	9
12	1	1	1	1	2	4	9	11	8	****	4	4	3	4	5	8	12	13	11	7	5	2	1	1	5
13	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	2	3	3	4	3	2
14	2	2	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	2	4	2	2	3	2	1
15	1	1	1	1	1	3	9	13	11	10	8	7	5	4	4	4	4	3	5	8	8	8	6	4	5
16	2	1	1	2	4	5	6	6	6	6	8	6	6	6	6	3	2	2	2	4	4	4	4	5	4
17	4	4	3	3	4	8	14	18	20	18	17	19	21	29	27	24	20	22	24	20	20	18	15	11	16
18	6	4	2	1	0	0	1	****	****	6	4	4	5	10	7	6	5	5	5	3	4	10	12	12	5
19	10	5	3	2	4	8	11	12	11	10	12	4	10	12	10	9	7	2	2	1	1	1	1	1	6
20	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	2	2	2	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1
22	1	1	1	1	2	4	5	6	3	3	3	3	2	2	3	4	2	3	3	2	3	2	4	3	3
23	1	1	0	0	0	3	6	4	1	2	2	2	3	2	3	3	2	1	2	1	1	2	1	0	2
24	0	0	0	0	0	1	2	3	2	2	3	2	2	2	2	2	2	1	1	1	0	1	1	0	1
25	0	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	1	1	2	1	0	1	0	1
26	1	0	0	0	0	2	4	3	0	2	2	1	2	1	0	0	0	0	1	2	2	3	3	4	1
27	5	2	1	0	0	1	1	2	3	2	3	4	3	4	4	4	4	2	2	2	3	5	7	8	3
28	15	7	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	2
29	1	0	0	0	0	1	3	4	1	0	0	0	****	****	0	2	0	6	9	8	10	9	8	7	3
30	5	4	1	0	0	0	3	2	****	1	3	2	1	1	2	2	4	2	3	1	4	3	3	2	2
31	4	2	3	4	7	11	26	38	24	9	7	5	5	6	5	12	8	8	5	7	9	15	7	2	10
MEAN	3	2	1	1	1	3	6	8	7	5	5	4	4	5	5	5	5	4	4	4	4	4	4	4	4.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF OATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	23	26	13	12	12	38	36	7	2	2	3	5	8	8	17	19	6	3	2	1	1	2	2	10
2	1	1	1	0	0	1	4	5	6	6	5	4	3	3	5	4	8	8	8	6	5	4	4	6	4
3	5	7	6	3	4	3	6	8	7	5	3	3	1	2	1	2	3	2	3	5	3	2	4	5	4
4	3	3	1	1	0	0	1	1	1	2	2	1	1	1	1	1	2	12	13	3	4	4	6	15	3
5	17	11	8	10	13	12	20	35	38	16	9	5	6	9	13	18	22	17	17	16	5	7	7	16	14
6	21	18	15	13	9	11	22	28	13	16	30	23	11	15	22	26	32	8	6	10	19	22	15	12	17
7	12	4	1	0	0	1	1	2	1	1	1	2	3	3	5	7	7	5	4	3	3	4	6	8	4
8	3	2	1	0	0	1	4	7	6	4	3	3	3	3	4	4	6	3	5	5	6	4	6	8	4
9	14	16	13	15	12	16	27	29	16	18	21	13	7	4	7	10	9	7	5	7	7	8	12	4	12
10	7	9	5	3	2	1	2	3	3	2	1	2	2	2	2	1	1	1	1	2	2	1	2	1	2
11	1	0	0	0	0	0	4	4	4	6	4	1	2	1	1	1	1	2	4	3	2	2	2	4	2
12	3	1	1	1	1	2	6	12	1	2	5	5	3	4	4	5	14	12	12	14	7	19	12	12	7
13	11	13	12	12	9	7	5	5	6	5	4	2	1	1	1	2	8	13	12	10	7	4	5	4	7
14	1	1	1	1	1	1	3	6	7	2	1	1	1	1	1	2	4	1	2	6	9	8	7	12	3
15	6	2	0	0	1	3	10	10	12	6	4	6	7	7	6	7	11	10	6	7	6	4	2	0	6
16	0	0	0	0	0	0	0	0	1	****	2	3	3	3	3	3	4	6	4	2	2	2	1	1	2
17	1	1	1	0	0	0	0	0	1	1	1	1	1	1	2	3	4	11	12	19	20	21	30	23	6
18	20	18	12	8	4	3	5	6	7	9	9	13	11	12	15	16	15	12	7	5	2	1	3	2	9
19	1	2	5	5	1	2	5	8	10	15	15	14	16	19	20	20	22	23	19	16	17	17	11	11	12
20	8	9	13	2	0	0	2	4	6	6	5	4	2	2	3	4	6	8	4	1	1	1	1	1	4
21	0	0	0	0	0	1	1	1	2	4	4	2	3	4	5	6	6	9	8	8	8	6	5	2	4
22	2	6	8	3	2	0	0	1	2	1	1	1	3	3	3	3	5	2	3	1	1	1	1	1	2
23	0	0	0	0	0	1	6	7	7	7	4	4	3	3	5	8	11	4	4	9	16	14	15	12	6
24	9	3	1	0	0	0	0	1	1	1	2	2	2	2	2	2	4	6	7	5	4	5	8	11	3
25	25	28	28	23	19	17	19	18	14	9	8	6	7	7	6	4	4	4	4	8	12	9	10	11	13
26	18	17	12	11	6	4	18	27	3	2	3	1	1	1	1	1	1	1	0	0	0	0	0	0	5
27	0	0	0	0	0	0	1	1	2	2	1	1	1	1	1	2	10	11	7	8	3	6	3	3	3
28	5	4	2	2	1	2	2	2	2	2	1	1	1	1	1	2	5	5	2	2	2	2	1	2	2
29	1	1	1	1	0	0	3	4	5	4	3	3	3	3	4	4	5	5	3	3	3	3	3	3	3
30	2	1	1	0	0	0	1	2	3	2	3	2	2	2	2	4	6	5	4	5	4	5	5	7	3
MEAN	7	7	6	4	3	3	7	9	6	5	5	4	4	4	5	6	9	7	6	6	6	6	6	7	5.9

PERCENTAGE OF OATA VALIO - 99.9 PERCENTAGE OF OATA INVALIO - 0.1 PERCENTAGE OF OATA UNAVAILA8LE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	6	6	3	1	2	3	3	3	6	9	8	9	4	4	5	6	3	1	1	0	0	0	0	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	6	7	4	2	2	1	1
3	0	0	0	0	0	1	3	4	8	6	3	3	2	2	2	2	3	3	2	1	1	1	0	1	2
4	1	0	0	0	0	0	2	5	6	6	4	4	3	3	4	4	6	6	6	3	3	3	3	5	3
5	2	2	2	1	1	2	4	4	3	2	2	2	1	2	0	0	0	1	0	0	0	0	0	0	1
6	0	0	0	0	0	0	3	8	8	5	4	5	6	5	6	9	9	9	5	4	3	4	4	5	4
7	3	3	1	1	1	1	5	8	8	5	6	****	5	5	6	6	6	5	3	3	3	1	1	2	4
8	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	1	1	1
9	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1
10	1	1	1	0	2	2	17	17	17	9	7	9	9	9	9	19	19	18	24	27	4	1	1	2	9
11	1	0	0	0	0	0	0	1	2	2	1	1	1	1	1	2	3	2	1	1	1	0	0	0	1
12	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0
13	0	0	0	0	0	1	1	1	****	6	6	6	5	3	3	3	6	6	15	20	13	4	0	1	4
14	1	2	2	0	1	1	5	5	6	5	4	2	****	2	2	3	5	4	4	4	4	3	3	3	3
15	4	4	4	2	2	2	8	12	13	9	6	4	4	3	4	4	3	4	4	4	3	3	2	2	5
16	2	2	2	1	1	0	1	1	2	2	2	3	4	4	4	5	1	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	5	4	4	3	1	1	1	1	3	3	1	1	1	1	1	0	1
18	0	0	0	0	0	1	2	4	7	4	2	2	2	6	5	8	8	9	10	4	3	3	4	4	4
19	4	3	3	4	5	4	5	5	9	9	10	8	6	5	4	4	5	3	3	4	4	4	3	2	5
20	2	2	2	2	1	1	1	2	4	6	8	9	8	8	9	10	12	15	23	27	36	71	47	42	15
21	38	43	50	52	45	36	48	50	46	32	40	28	14	12	22	25	22	27	54	78	77	77	52	60	43
22	38	69	51	9	1	0	2	2	2	3	6	5	5	5	6	6	6	6	6	7	5	6	13	17	12
23	12	9	2	1	1	1	1	1	1	1	1	1	1	2	2	3	2	1	1	3	5	10	6	4	3
24	2	2	3	8	5	6	8	6	7	7	6	8	5	5	6	6	5	5	4	5	6	4	6	6	5
25	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	1	0
27	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	5	1
29	2	1	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	4	3	4	3	3	1	1
31	5	5	1	0	0	1	6	12	17	4	4	3	3	3	3	4	4	3	3	6	6	4	5	2	4
MEAN	4	5	4	3	2	2	4	5	6	4	4	4	3	3	4	4	5	5	6	7	6	7	5	6	4.6

PERCENTAGE OF OATA VALIO - 99.6 PERCENTAGE OF OATA INVALIO - 0.4 PERCENTAGE OF OATA UNAVAILA8LE - 0.0

NOTE5 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATE5 OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.4	13	32
FEB	28	2.3	7	24
MAR	31	3.6	17	49
APR	30	2.2	6	26
MAY	31	2.1	6	27
JUN	30	1.6	6	16
JUL	31	1.2	2	12
AUG	31	2.2	6	20
SEP	30	3.1	11	40
OCT	31	4.1	16	38
NOV	30	5.9	17	38
DEC	31	4.6	43	78
YEAR	365	3.0	43	78

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - WC NO 29025 BARTON/WENTWORTH HAMILTON

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	598	71	51	11	1	0	0	732
FEB	577	70	20	2	0	0	0	669
MAR	598	76	42	17	8	1	0	742
APR	619	77	19	2	0	0	0	717
MAY	667	61	11	2	0	0	0	741
JUN	665	38	10	0	0	0	0	713
JUL	716	19	3	0	0	0	0	738
AUG	658	63	18	0	0	0	0	739
SEP	607	67	35	7	2	0	0	718
OCT	558	113	50	12	2	0	0	735
NOV	458	126	106	24	5	0	0	719
DEC	598	90	20	9	6	8	10	741
YEAR	7319	871	385	86	24	9	10	8704

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
99.4	0	0.0	0.1	0.9	2.5	7.1	11.0	18.0	23.4	78	3.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JAN 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	4	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
2	0	0	0	0	0	0	0	1	1	2	1	****	1	2	2	2	2	3	4	1	1	1	1	0	1
3	0	0	0	0	0	0	1	1	2	2	1	1	2	1	2	2	2	2	1	1	1	0	1	1	1
4	0	0	0	0	1	1	1	1	3	2	2	2	2	1	1	1	2	2	1	2	1	1	1	0	1
5	0	0	0	0	0	0	1	2	4	3	2	****	****	2	2	2	3	2	2	3	3	3	3	3	2
6	2	3	3	3	2	2	3	3	4	4	3	3	3	2	2	2	1	2	1	1	2	2	1	1	2
7	1	2	1	1	1	2	2	3	3	4	3	2	2	4	S	7	8	5	6	S	1	1	1	1	3
8	1	1	0	0	0	0	1	5	9	5	4	****	1	1	1	1	1	1	2	2	1	1	2	2	2
9	1	0	0	0	0	0	1	4	7	7	4	4	2	3	3	3	4	4	3	3	2	2	3	3	3
10	2	2	2	2	1	1	1	3	S	4	2	2	2	2	1	1	2	3	2	3	2	2	2	2	2
11	3	2	2	2	4	6	3	7	8	12	11	4	****	2	2	2	2	2	3	4	S	5	S	7	4
12	3	3	3	5	3	5	6	12	16	****	2	2	2	2	2	3	3	3	4	2	3	4	S	26	S
13	21	13	8	6	S	2	1	1	2	3	3	3	2	2	2	2	2	2	1	1	1	1	1	2	4
14	3	3	3	3	2	2	2	1	2	1	0	0	1	1	1	1	1	1	0	1	0	1	0	1	1
1S	0	0	0	0	0	0	0	1	2	2	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1
16	1	1	1	1	1	0	1	3	S	4	4	3	2	2	2	1	2	2	3	3	3	S	S	S	3
17	8	12	17	11	8	2	1	2	3	2	2	3	3	2	4	9	13	11	11	7	1	1	0	0	6
18	0	0	0	0	0	0	0	1	3	2	2	2	3	2	****	2	2	2	2	2	2	2	3	3	2
19	2	2	2	2	3	4	S	10	18	15	13	12	11	8	3	2	2	3	8	9	6	1	1	2	6
20	2	1	3	3	2	2	3	2	3	4	4	4	5	3	4	4	3	6	7	9	4	3	4	3	4
21	3	2	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	1
22	0	0	0	0	0	0	0	1	3	2	2	1	1	2	1	1	1	1	1	1	1	1	2	2	1
23	1	0	0	0	0	0	1	3	4	3	3	3	2	2	3	2	1	2	2	1	1	1	1	1	2
24	1	1	1	1	1	0	1	2	2	2	2	2	1	2	2	2	1	1	1	1	1	1	0	0	1
2S	0	0	1	1	1	0	1	2	3	****	****	****	1	1	1	1	1	1	1	1	1	1	1	0	1
26	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	1	1	1	1	2	4	3	3	2	2	2	2	2	2	2	2	2	2	1	2	2	2.0

PERCENTAGE OF DATA VALID - 98.4 PERCENTAGE OF OATA INVALID - 1.6 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - FE8 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	1	1	1	0
6	0	0	0	0	0	1	2	8	12	13	6	3	S	4	3	3	3	1	1	2	1	2	2	1	3
7	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	6	6	S	3	3	2
8	3	4	2	0	0	0	1	1	3	2	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1
9	1	0	1	1	1	1	1	2	3	3	3	3	3	3	2	2	2	2	5	S	4	2	2	2	2
10	2	1	2	1	2	2	3	3	3	9	6	3	2	2	2	1	1	1	1	1	2	2	1	2	2
11	1	1	1	1	0	0	0	0	1	1	2	2	3	3	4	S	8	5	6	S	8	10	6	6	3
12	7	10	16	14	12	9	8	10	12	14	12	****	-	1	3	4	4	2	3	2	1	1	1	1	7
13	0	0	0	0	0	0	0	3	3	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	2	4	6	9	8	7	6	7	5	4	2	2	1	1	8	6	S	4	4
1S	2	2	1	1	1	1	2	S	S	4	4	2	3	2	2	2	2	2	1	1	1	2	1	1	2
16	1	1	1	1	1	0	1	2	3	3	2	2	1	1	1	2	2	1	1	1	1	1	1	1	1
17	1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	1	1	2	4	3	3	2	1	
18	2	3	S	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	2
19	1	0	0	0	0	1	S	11	14	11	7	2	2	2	1	2	2	2	1	4	3	1	1	0	3
20	0	0	0	0	0	0	1	4	4	5	4	3	2	2	2	2	1	1	1	3	3	3	2	2	2
21	0	0	2	2	3	4	7	11	8	7	7	7	2	2	2	2	3	3	2	1	0	0	0	0	3
22	0	0	0	****	****	****	****	****	****	****	****	1	1	3	3	3	3	2	2	1	1	1	0	0	1
23	0	0	0	0	0	0	0	1	1	1	1	1	****	S	7	6	10	11	1	0	1	1	2	3	2
24	6	8	4	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
25	1	1	1	0	0	0	0	0	0	0	1	1	2	2	1	2	2	2	2	2	2	1	1	1	1
26	13	20	12	S	7	8	15	18	4	3	2	2	1	1	1	2	3	4	3	1	1	1	1	1	S
27	0	0	0	0	0	0	1	1	3	2	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1
28	1	4	S	2	5	2	1	6	12	17	16	9	4	3	2	1	1	2	2	1	13	15	12	14	6
MEAN	2	2	2	1	1	1	2	4	4	4	3	2	2	2	2	2	2	2	1	2	2	2	2	2	2.2

PERCENTAGE OF DATA VALID - 98.2 PERCENTAGE OF OATA INVALID - 1.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	6	0	0	0	0	0	0	1	2	2	1	-	2	2	2	2	2	3	3	2	1	1	3	5	2	
2	2	0	0	0	0	0	1	1	2	3	7	8	4	3	3	4	5	4	4	4	4	4	4	3	3	
3	2	1	1	1	0	0	0	1	1	2	2	2	2	2	2	1	1	2	1	2	2	3	2	4	2	
4	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	2	4	4	8	6	6	9	17	3	
5	3	2	1	1	1	1	1	2	3	2	2	****	2	2	1	2	2	2	3	2	2	2	1	1	2	
6	1	1	1	0	0	0	2	4	4	4	3	3	2	3	2	2	2	1	2	1	1	1	1	1	2	
7	1	1	0	1	1	1	3	12	7	2	1	2	2	****	1	1	1	1	1	2	2	1	3	6	2	
8	5	3	2	1	1	1	2	6	9	6	2	2	2	4	6	4	2	2	1	2	3	3	4	4	3	
9	4	4	3	2	2	4	8	15	25	17	8	5	2	2	4	3	3	2	2	2	2	2	2	2	5	
10	1	2	1	1	0	0	1	1	2	2	2	2	3	2	2	2	1	1	1	1	1	1	1	1	1	
11	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
12	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	
13	1	1	0	0	0	0	1	2	3	****	4	4	4	4	3	3	2	1	1	2	1	0	0	0	2	
14	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
15	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	
16	2	1	1	1	1	1	1	2	2	****	2	2	2	2	2	2	1	1	2	4	2	2	2	3	2	
17	2	2	4	6	6	7	6	6	5	8	5	2	2	2	2	2	2	2	2	2	2	2	4	6	4	
18	10	10	5	4	3	3	4	6	6	5	5	3	2	2	2	1	1	1	1	2	1	1	0	0	3	
19	0	0	0	0	0	1	3	4	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20	****	****	****	****	****	****	****	****	****	****	17	9	8	4	6	7	6	5	10	12	6	2	4	2	******	
21	2	10	9	1	1	1	5	9	13	3	2	3	2	2	2	2	4	3	4	12	6	19	15	23	6	
22	61	59	42	51	31	4	2	6	11	15	17	9	6	4	2	2	3	2	2	5	9	5	1	1	15	
23	1	0	0	0	0	1	2	3	3	3	2	2	1	1	1	1	3	5	1	1	0	0	0	1	1	
24	2	1	1	0	0	0	0	0	0	0	1	2	7	14	8	2	1	1	3	7	3	4	8	4	3	
25	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	2	4	3	2	1	
26	1	0	0	1	0	1	1	2	2	1	****	****	1	1	1	1	1	1	0	0	1	0	0	0	1	
27	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	
28	1	1	0	0	2	4	3	2	3	2	2	2	2	****	1	2	2	2	2	1	0	1	0	1	2	
29	1	1	0	0	0	1	5	12	9	5	4	6	3	2	3	4	4	3	8	11	10	5	3	2	4	
30	1	1	1	1	0	0	1	3	4	6	****	8	16	15	3	2	3	1	3	6	26	13	8	1	5	
31	1	1	1	5	1	0	1	2	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	4	3	3	3	2	1	2	4	4	4	3	3	3	3	2	2	2	2	2	3	3	3	3	3	2.8	

PERCENTAGE OF OATA VALIO - 95.4 PERCENTAGE OF OATA INVALIO - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	1	2	4	8	11	****	5	4	2	2	3	4	3	2	1	1	1	0	2
3	0	0	0	0	0	0	0	1	1	1	****	****	****	****	0	2	1	1	1	0	1	0	1	0	1
4	0	1	1	1	0	1	2	3	2	1	2	1	1	1	1	1	1	1	0	0	0	0	0	1	1
5	1	0	0	0	0	0	0	1	1	1	1	****	1	0	0	1	1	1	1	0	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	1	1	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0
9	0	0	0	0	0	0	0	1	3	1	1	****	****	2	2	2	2	1	1	2	3	2	5	5	2
10	1	1	0	0	0	0	1	3	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	1
11	2	1	1	0	0	1	4	5	1	1	0	1	1	2	2	1	1	1	1	1	1	0	1	0	1
12	0	0	0	0	0	0	0	1	1	1	1	2	2	2	1	2	2	2	1	1	0	0	0	1	1
13	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	3	2	1	1	3	4	6	8	2
15	7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1
17	0	0	0	0	0	0	1	2	2	1	1	****	0	0	0	1	1	1	0	0	0	0	1	1	1
18	0	0	1	1	0	0	1	2	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	1
19	0	0	0	0	0	0	1	2	2	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1
20	0	0	0	0	0	1	2	5	8	13	8	4	****	4	3	2	2	1	2	6	2	4	3	10	3
21	10	8	6	47	11	1	2	3	2	2	2	2	2	2	1	2	1	0	1	2	3	1	1	4	5
22	6	14	9	8	6	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	4	7	3	1	3
23	2	2	0	4	1	6	10	13	17	8	4	2	2	2	2	2	2	2	1	1	4	4	7	11	5
24	2	2	6	9	3	4	3	8	11	5	****	3	3	2	2	2	2	1	1	0	0	2	5	3	3
25	8	11	9	1	0	0	0	1	2	4	3	3	2	1	1	3	2	3	1	1	1	1	1	4	3
26	5	1	0	0	0	0	0	1	2	2	2	1	1	1	1	2	5	3	2	1	1	1	1	1	1
27	1	1	0	0	0	0	1	1	1	1	1	2	2	2	2	3	2	2	1	1	1	1	0	0	1
28	0	0	0	0	0	0	0	1	1	1	1	2	2	3	2	2	1	2	2	2	1	3	4	6	2
29	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	2	2	2	1
30	1	1	0	0	0	2	4	3	1	1	****	****	2	2	2	2	1	1	1	1	1	2	1	0	1
MEAN	2	2	1	2	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1.4

PERCENTAGE OF OATA VALIO - 98.2 PERCENTAGE OF OATA INVALIO - 1.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	1	****	****	****	0	1	1	1	1	1	0	0	0	1	1	2	1	1
2	1	0	0	1	1	3	4	3	5	3	2	1	1	1	1	1	1	1	1	0	0	0	0	0	1
3	0	0	0	0	0	0	1	1	1	1	2	1	2	4	8	13	14	11	4	0	0	0	0	0	3
4	0	0	0	0	0	1	2	2	2	1	1	2	3	3	3	1	1	1	1	0	0	0	0	0	1
5	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	2	1
6	2	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	1	1	1	1	****	1	1	1	1	0	1	0	0	0	0	0	0	0	0
8	0	0	0	0	0	3	5	8	11	5	4	3	2	2	1	2	1	3	3	1	2	5	2	0	3
9	0	0	0	0	1	4	13	7	3	2	1	1	1	1	1	2	1	1	0	1	1	4	5	5	2
10	8	15	11	5	4	11	10	13	****	2	1	1	1	1	0	0	2	1	2	1	1	2	2	4	4
11	1	1	1	0	0	2	6	3	2	2	2	1	1	1	1	1	1	0	0	0	0	1	7	8	2
12	6	4	3	1	2	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	0	1	3	5	3	3	1
14	1	1	0	0	0	2	4	3	2	****	****	1	1	1	1	1	0	0	1	3	1	1	1	0	1
15	0	1	0	0	0	0	2	2	1	4	****	2	2	1	1	1	1	1	1	2	1	1	1	1	1
16	0	0	0	0	0	0	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1
17	4	4	4	5	5	4	6	11	7	4	****	2	2	1	1	2	2	2	1	0	1	1	1	1	3
18	0	1	1	1	2	7	5	5	3	2	2	2	2	2	1	1	0	0	0	0	0	1	0	0	2
19	0	0	0	0	0	1	2	1	1	1	1	1	1	1	0	0	1	1	1	2	0	1	2	1	1
20	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	4	2	1
21	5	4	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	0	2	4	3	1	****	1	1	1	1	2	1	1	1	1	1	1	0	0	1
23	0	0	0	0	0	2	4	5	3	2	1	2	2	3	1	1	1	1	1	2	1	0	0	0	1
24	0	0	0	0	0	1	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	7	4	0	1
25	0	0	0	0	0	0	1	2	1	2	2	****	4	3	2	2	2	2	1	2	2	2	3	1	1
26	1	0	0	0	0	0	1	1	1	2	2	3	2	2	1	2	1	2	2	2	1	0	1	0	1
27	1	0	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	1
28	0	1	3	2	2	7	5	5	4	4	****	****	1	1	0	1	1	1	1	3	1	4	8	10	3
29	10	7	2	1	4	8	10	17	14	9	7	6	4	2	2	2	1	1	1	1	1	2	3	4	5
30	5	5	2	5	3	4	2	9	8	5	2	1	2	2	1	1	1	1	0	0	0	1	1	7	3
31	8	1	3	3	9	10	20	23	6	3	2	1	1	1	1	1	1	1	1	1	0	2	3	1	4
MEAN	2	1	1	1	1	2	4	4	3	2	2	1	2	1	1	1	1	1	1	1	1	2	2	2	1.7

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 1.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	6	1
2	15	10	6	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	****	****	****	****	2
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	1	2	2	2	2	2	2	****	****	****	****	****	****	******
5	****	****	****	****	****	****	****	****	****	****	****	****	****	2	1	2	1	1	1	0	1	1	2	2	******
6	1	1	1	1	0	1	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
7	0	0	0	0	0	2	6	9	6	4	****	****	1	1	1	0	0	0	0	0	0	2	7	8	2
8	4	2	0	0	0	1	5	3	****	3	2	3	2	2	2	2	1	1	1	1	1	3	6	4	2
9	3	2	9	9	5	5	8	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
10	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	2	4	0	1
12	1	0	0	0	0	2	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	0	1
13	0	0	0	0	0	1	3	4	3	1	1	1	1	1	1	1	1	1	1	1	2	3	4	2	1
14	1	8	5	2	7	6	18	8	4	2	2	2	1	1	1	1	1	2	0	0	0	0	0	0	3
15	0	0	0	0	1	4	3	****	****	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	2	2	2	****	1	1	2	1	1	1	1	1	0	1	2	9	3	1
19	1	1	0	0	0	1	6	8	3	3	2	1	1	1	1	1	1	1	0	0	0	0	1	0	1
20	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	1
21	0	0	0	0	0	0	5	8	3	4	4	2	2	2	2	1	1	0	0	1	1	1	1	0	2
22	0	0	0	0	0	1	1	5	4	3	****	0	0	0	1	1	1	1	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0
24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
25	0	0	0	0	0	0	2	5	4	1	****	1	2	1	1	1	1	1	0	1	2	3	5	1	1
26	14	19	14	5	8	8	14	21	4	3	3	2	2	2	1	1	1	1	1	1	3	1	0	0	5
27	0	0	0	0	0	0	1	2	3	2	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1
28	0	0	0	0	0	0	1	4	5	6	4	1	1	1	1	1	1	0	0	0	1	0	0	1	1
29	3	5	2	0	0	0	1	1	1	1	****	1	1	1	1	1	1	1	0	0	1	1	1	1	1
30	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	1	1	1	1	3	4	2	2	1	1	1	1	1	1	1	1	0	0	1	1	2	1	1.3

PERCENTAGE OF DATA VALID - 90.6 PERCENTAGE OF DATA INVALID - 9.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	
2	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	
3	0	0	0	0	0	1	2	3	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	
4	1	0	0	0	0	1	2	4	6	4	2	1	1	****	1	1	1	1	1	0	0	0	0	0	1	
5	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	
6	0	0	0	0	0	1	6	8	4	1	1	0	1	1	1	1	1	1	0	0	1	0	1	1	1	
7	1	1	0	0	0	2	6	7	6	3	1	1	1	1	1	1	0	0	0	0	0	0	1	2	1	
8	2	3	1	0	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	1	3	3	1	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	1	
10	0	0	0	0	1	0	1	0	1	1	2	3	2	2	1	1	0	0	0	0	0	0	1	0	1	
11	0	0	0	****	****	0	2	2	2	3	2	1	0	0	0	0	0	1	0	0	0	0	1	2	1	
12	S	6	6	4	1	0	2	3	3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	2	
13	0	3	1	0	0	2	3	6	3	1	1	0	0	0	1	1	1	0	0	0	0	1	1	0	1	
14	0	1	S	3	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
1S	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	
16	1	0	0	1	1	1	1	4	2	1	1	1	0	****	2	2	0	0	0	0	1	1	0	0	1	
17	0	0	0	0	0	0	1	3	3	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1	1	1	0	0	0	1	2	3	2	1	
19	1	0	0	0	2	4	3	5	3	2	1	1	1	1	1	0	1	0	0	0	0	0	1	2	1	
20	4	3	0	0	0	0	1	2	S	2	2	1	1	0	0	1	1	1	0	0	0	0	0	1	1	
21	S	10	1	1	2	4	5	3	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	2	
22	1	2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	
23	1	1	1	1	1	1	2	4	9	4	2	2	1	1	0	1	0	0	0	0	0	0	0	0	1	
24	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	
2S	0	0	0	0	0	1	1	2	2	3	2	****	1	1	2	1	1	1	0	0	0	1	0	0	1	
26	0	0	0	0	0	2	3	2	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	
27	0	0	0	0	0	1	3	5	5	S	4	1	1	1	1	1	1	0	0	0	1	0	0	0	1	
28	0	0	0	0	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	
29	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	2	4	2	1	
30	0	0	0	0	0	2	S	7	3	2	1	****	1	0	0	0	1	1	0	0	0	0	0	0	1	
31	0	0	0	0	0	0	0	2	3	3	2	1	1	2	1	1	1	0	1	1	2	0	0	0	0	1
MEAN	1	1	1	0	0	1	2	3	2	2	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0.9	

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	2	4	1	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	0	
3	3	2	2	1	1	2	5	6	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	
4	1	1	1	0	0	0	1	2	1	1	0	0	0	0	0	0	0	0	0	1	1	2	1	5	1	
S	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	
7	4	2	0	1	1	1	1	2	****	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	1	
8	0	0	0	0	0	1	2	3	3	2	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	
9	0	0	0	0	0	1	2	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	0	1	
10	0	0	0	0	0	0	0	2	S	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
11	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	1	0	0	1	1	1	0	
12	1	1	1	0	0	0	1	1	1	0	0	0	0	1	4	0	0	0	0	0	0	2	4	3	1	
13	4	7	7	4	4	3	12	19	7	****	1	****	2	1	1	0	0	0	0	0	0	0	0	0	3	
14	0	0	0	0	0	0	2	2	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	
1S	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	3	2	1	
16	2	0	0	0	1	2	6	5	4	1	2	2	1	1	2	2	2	1	1	3	3	2	4	8	2	
17	5	3	1	3	4	4	7	11	13	6	S	4	3	1	2	2	2	1	1	0	0	0	1	0	3	
18	0	0	0	0	0	0	0	0	1	1	1	1	2	3	4	5	6	8	13	18	22	24	15	15	6	
19	26	2S	19	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	5	4	3	4	
20	1	1	3	2	1	2	9	10	7	****	4	2	2	2	1	1	2	2	1	1	1	1	S	6	10	3
21	9	14	11	10	19	9	6	6	3	6	S	3	1	1	1	1	2	1	0	5	10	16	12	6	7	
22	6	2	1	1	0	0	1	2	1	1	****	1	1	1	1	1	1	0	0	0	0	0	0	0	1	
23	0	0	0	0	0	0	1	4	3	3	2	4	****	4	3	3	2	1	1	1	1	2	2	2	2	
24	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	
2S	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	
26	1	0	0	0	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0	
27	0	0	1	0	0	0	0	3	4	2	1	1	1	0	****	0	0	0	0	0	0	0	0	0	1	
28	0	2	4	4	2	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
29	0	0	0	0	0	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	1	3	2	1	1	****	0	0	0	0	0	0	0	0	0	2	2	1	1	1	
31	1	0	0	0	0	1	4	7	1	2	3	1	1	1	1	1	1	1	1	1	0	1	1	1	1	
MEAN	2	2	2	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1.4	

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	4	6	4	4	4	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
4	0	0	0	0	0	0	2	7	4	1	1	1	3	1	1	1	1	0	0	0	0	0	1	1	1
5	1	2	5	4	3	3	4	4	1	0	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1
6	1	1	0	0	0	1	4	5	5	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	0	0	0	1
8	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	0	0	0	2	1	2	2	3	1
9	2	4	2	1	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	2	1	1	1	****	****	0	1	0	0	0	0	0	0	1	1	2	1	1
11	2	1	0	0	0	1	3	7	6	2	1	2	2	1	1	-	0	0	0	0	0	1	2	1	1
12	2	1	0	0	0	0	2	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	4	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	1	1	1	2	1	1	0	1	1	0	1	1	1	1	2	0	0	0	1
15	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
16	0	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
17	0	0	0	0	0	1	5	10	4	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1
18	0	0	0	0	0	1	2	3	3	2	1	1	1	1	1	0	0	0	0	****	1	1	1	1	1
19	0	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	2	****	2	2	2	3	4	2	1
20	2	2	3	5	9	9	16	12	8	4	2	1	1	1	1	1	1	1	1	1	1	1	2	1	4
21	1	0	0	0	1	2	6	7	4	4	4	1	1	1	2	2	2	2	2	2	****	1	2	2	2
22	1	1	1	1	0	0	1	2	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
23	2	2	2	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	3	6	11	12	2
24	11	7	4	2	1	3	7	10	4	2	****	1	1	1	1	1	0	0	0	0	0	0	3	2	3
25	2	10	12	8	2	3	8	7	6	5	4	3	2	2	1	1	1	0	0	1	0	1	2	0	3
26	0	0	0	0	0	0	3	5	4	3	1	2	2	2	1	2	1	0	3	7	9	17	17	17	4
27	14	12	16	17	11	10	12	21	19	6	4	3	1	1	2	1	1	0	0	4	8	0	2	1	7
28	1	0	1	0	0	2	3	2	1	0	****	1	1	2	2	2	2	1	3	1	1	2	7	11	2
29	9	7	6	5	4	4	10	11	6	2	1	0	0	0	0	0	0	0	0	0	0	1	1	2	3
30	6	4	3	2	1	2	3	3	2	1	0	0	1	1	1	0	0	0	0	3	5	1	0	0	2
MEAN	2	2	2	2	1	2	4	4	3	2	1	1	1	1	1	1	1	0	1	1	1	1	2	2	1.6

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF DATA INVALIO - 1.0 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "*****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	0	1	3	6	3	1	2	2	1	1	1	1	1	1	1	4	4	6	2	2	
2	2	1	0	0	0	0	2	5	5	8	5	1	1	0	1	1	1	0	0	0	0	0	0	0	1	
3	0	0	0	0	0	0	1	2	1	2	3	3	4	5	4	5	2	2	0	0	1	1	1	0	2	
4	0	0	0	0	0	0	1	3	1	1	2	2	5	5	2	5	4	3	4	5	5	6	9	12	3	
5	7	4	3	2	0	1	3	6	6	4	4	2	3	4	4	43	18	3	5	5	1	1	2	1	6	
6	0	0	0	0	0	0	2	2	2	2	2	2	2	1	1	1	0	1	1	0	0	0	0	0	1	
7	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	
8	0	-	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	
9	1	0	0	0	0	1	1	3	3	1	-	****	****	0	****	0	0	1	1	3	1	1	0	2	1	
10	3	2	-	-	2	****	13	20	22	3	1	0	****	0	****	****	****	****	1	2	1	2	5	3	5	
11	2	1	****	****	****	****	2	6	9	10	5	2	****	****	****	0	0	0	0	****	****	****	****	****	******	
12	****	****	****	****	****	****	1	3	4	3	2	****	0	1	2	3	5	3	3	4	0	1	1	0	2	
13	0	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	2	1	1	0	0	2	3	1	
14	2	2	4	2	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	2	3	1	1	
15	0	0	0	0	0	1	4	-	9	****	3	7	5	4	2	1	1	2	2	1	1	2	2	2	2	
16	1	0	0	0	0	0	4	6	3	2	2	-	1	1	1	1	1	1	1	1	1	1	1	2	1	
17	3	3	4	4	5	5	12	-	-	16	16	22	33	31	38	34	32	37	41	37	37	33	38	43	24	
18	26	4	1	0	0	1	3	10	2	****	2	2	1	1	1	1	1	2	3	3	4	4	5	2	3	
19	1	1	0	0	0	0	1	3	3	3	2	3	3	3	2	5	-	5	0	0	0	1	0	0	2	
20	1	0	0	0	0	0	0	3	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	
21	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	5	3	1	
22	1	1	1	2	2	5	12	6	5	5	2	4	3	4	3	3	3	2	1	2	2	1	1	1	3	
23	0	0	0	0	0	0	1	3	4	2	3	3	3	3	2	4	3	3	2	2	1	1	1	1	2	
24	0	0	0	0	0	0	1	4	2	3	4	5	2	1	1	1	2	1	0	0	0	-	0	0	1	
25	0	0	0	0	0	0	1	2	1	1	1	1	0	0	1	1	2	1	1	1	0	1	1	0	1	
26	0	0	0	0	0	0	0	1	4	2	3	2	2	1	-	1	1	1	1	1	0	2	0	0	1	
27	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	
28	1	1	0	0	0	0	0	1	2	2	1	1	0	1	-	1	1	1	2	1	1	1	1	0	1	
29	0	0	0	0	0	0	0	0	2	5	2	2	3	3	2	3	2	3	4	4	4	1	1	3	2	
30	2	1	0	0	0	0	0	1	1	3	2	2	2	2	2	2	2	2	3	3	2	2	1	1	2	
31	0	1	0	0	0	0	0	1	4	3	3	3	1	****	2	2	1	2	1	1	1	1	4	5	5	2
MEAN	2	1	0	0	0	0	1	2	4	4	3	3	3	3	3	3	4	3	3	3	3	2	3	3	3	2.4

PERCENTAGE OF DATA VALID - 94.2 PERCENTAGE OF OATA INVALIO - 4.2 PERCENTAGE OF OATA UNAVAILABLE - 1.6

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	0	0	0	2	4	6	5	8	8	5	8	7	6	4	18	22	6	1	0	0	1	5
2	2	1	0	0	0	1	2	6	10	4	2	4	4	3	3	3	5	5	4	4	5	2	1	1	3
3	2	3	3	4	3	2	4	4	4	5	5	4	2	2	2	1	1	2	1	1	3	1	2	-	3
4	2	1	2	1	0	1	1	2	2	2	1	1	1	0	0	1	1	1	4	3	4	2	2	5	2
5	15	11	7	6	5	16	15	13	7	0	4	2	2	1	2	3	3	1	1	1	1	3	3	2	5
6	6	9	14	12	6	2	3	8	12	17	10	8	7	6	9	6	9	6	9	11	11	14	16	12	9
7	4	1	0	0	0	0	0	1	2	1	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1
8	1	0	0	0	0	-	****	1	1	1	2	1	2	3	3	3	5	2	2	4	4	1	2	1	2
9	1	3	2	1	4	4	8	11	16	15	4	6	2	2	2	3	3	3	3	-	-	1	2	3	5
10	5	5	3	0	0	1	0	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1
11	0	1	-	0	0	1	0	0	1	0	0	1	-	1	0	0	0	1	0	1	3	2	1	3	1
12	1	0	0	-	0	0	0	2	3	3	1	1	3	3	3	2	2	2	2	4	10	15	15	12	4
13	10	10	5	3	1	1	2	6	11	7	5	3	3	3	2	2	3	3	8	7	6	2	2	2	4
14	1	1	0	0	0	0	1	4	5	5	2	1	1	1	2	3	4	4	3	2	1	2	3	5	2
15	3	3	4	1	1	1	2	4	4	3	2	2	2	3	4	4	4	6	8	8	6	2	1	1	3
16	0	0	0	0	0	0	0	2	3	****	2	2	2	2	2	2	4	4	2	2	2	2	2	2	2
17	1	1	0	0	0	0	1	1	3	4	3	2	1	1	1	1	1	1	3	6	11	26	16	22	4
18	25	13	7	7	11	27	13	8	12	9	3	2	2	1	1	1	1	2	3	2	1	2	1	1	6
19	1	0	0	0	0	0	1	2	4	2	2	1	****	3	5	8	4	3	3	3	2	2	4	6	2
20	3	2	3	3	3	3	4	7	10	5	2	1	1	1	1	1	2	2	2	2	1	1	0	0	3
21	0	0	0	0	0	0	0	1	2	2	1	****	****	2	2	2	2	-	1	1	1	1	2	1	1
22	1	1	1	1	2	4	6	7	6	5	4	5	9	2	4	3	1	1	2	1	1	1	1	1	3
23	-	1	0	0	1	1	3	9	7	8	5	4	3	5	4	5	12	12	10	13	12	10	11	19	7
24	22	9	8	1	0	0	0	0	0	1	1	1	1	2	2	2	2	3	4	4	6	****	2	4	3
25	2	3	2	11	10	4	2	2	4	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2
26	0	0	0	0	0	1	2	3	4	1	2	1	2	2	1	1	1	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	3	4	2	2	3	3	2	2	2	3	3	3	3	3	6	6	4	2
28	1	2	2	1	0	0	1	1	1	****	****	****	****	****	****	****	1	1	0	1	1	1	1	0	1
29	0	0	0	0	0	0	1	2	4	3	2	2	****	1	1	2	-	****	2	2	1	1	1	0	1
30	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
MEAN	4	3	2	2	2	2	3	4	5	4	3	2	2	2	2	2	3	3	4	3	3	4	3	4	3.0

PERCENTAGE OF DATA VALID - 96.5 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	0	0	0	0	0	0	0	1	2	2	5	6	6	****	3	3	2	2	1	1	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	3	4	2	4	1
3	3	2	0	0	0	0	1	2	3	4	2	2	-	-	-	-	-	****	-	-	-	-	-	-	******
4	0	0	0	0	0	0	0	2	5	4	4	1	1	0	1	1	2	2	1	0	1	2	1	2	1
5	1	1	0	2	0	0	0	1	3	3	1	1	1	1	1	0	2	0	4	2	0	0	1	0	1
6	0	0	0	0	0	0	1	7	9	5	7	4	4	3	4	3	2	4	3	3	2	2	3	3	3
7	2	2	2	1	1	1	2	4	4	2	1	1	1	1	2	1	2	2	1	0	0	1	1	1	2
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	****	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	2	2	1	1	1	1	1	0	0	1
10	0	0	0	0	0	0	1	3	2	6	1	3	3	4	3	3	3	3	3	3	4	5	1	1	2
11	1	0	0	0	0	2	3	3	6	3	3	3	2	2	2	1	2	2	5	1	1	1	1	1	2
12	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1
13	1	1	0	1	0	1	1	3	6	6	5	4	4	5	4	5	7	10	10	5	11	8	3	1	4
14	0	0	0	1	1	1	2	3	5	3	2	2	2	****	2	2	2	1	1	2	1	1	1	1	2
15	1	3	1	2	3	5	5	3	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	3	2	1	2	3	3	2	3	3	3	4	4	1	1	1	1	1	1	1	1	1	2
17	1	1	1	0	0	0	1	3	7	9	7	****	****	2	****	1	1	1	1	1	0	1	0	0	2
18	0	0	0	0	0	0	0	2	2	3	4	4	4	4	6	8	10	7	3	7	7	1	1	1	3
19	0	0	0	0	1	0	1	1	1	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	2
20	4	2	2	1	1	2	3	6	8	7	7	7	8	8	6	6	8	16	16	20	20	19	2	1	8
21	3	1	1	0	1	1	1	3	6	4	4	4	4	3	3	4	3	4	6	5	7	6	5	4	3
22	3	2	1	1	1	1	1	1	2	1	2	2	3	3	4	3	3	3	2	2	2	5	7	6	3
23	6	6	4	3	3	3	2	1	1	2	2	3	3	4	4	4	3	6	5	4	4	6	7	8	4
24	4	5	3	4	8	6	5	3	2	2	3	3	2	3	3	3	2	2	2	1	1	2	2	3	3
25	3	2	2	1	1	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0
27	0	0	0	0	0	0	0	1	1	1	3	1	1	1	2	2	2	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	1	3	3	2	1	1	1	2	2	2	3	2	1	2	1	2	1	1
29	1	0	1	1	0	2	1	0	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
30	0	1	1	0	0	0	0	1	2	1	0	0	0	0	1	1	1	2	2	2	2	3	1	2	1
31	2	1	0	1	5	5	2	3	4	6	5	4	4	2	2	2	4	3	4	6	5	7	11	-	4
MEAN	1	1	1	1	1	1	1	2	3	3	3	2	2	2	2	2	3	3	3	3	3	3	2	2	2.0

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.0	6	26
FEB	28	2.2	7	20
MAR	29	2.8	15	61
APR	30	1.4	5	47
MAY	31	1.7	5	23
JUN	27	1.3	5	21
JUL	31	0.9	2	10
AUG	31	1.4	7	26
SEP	30	1.6	7	21
OCT	30	2.4	24	43
NOV	30	3.0	9	27
DEC	30	2.0	8	20
YEAR	358	1.9	24	61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31001 67 COLLEGE ST FIFTH FLOOR TORONTO

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	689	25	16	2	0	0	0	732
FEB	595	40	25	0	0	0	0	660
MAR	630	53	19	3	1	1	3	710
APR	671	26	9	0	0	1	0	707
MAY	687	30	13	1	0	0	0	731
JUN	621	24	6	1	0	0	0	652
JUL	726	12	0	0	0	0	0	738
AUG	691	26	14	4	0	0	0	735
SEP	662	31	18	1	0	0	0	712
OCT	661	16	8	3	10	3	0	701
NOV	591	63	35	6	0	0	0	695
DEC	669	49	7	0	0	0	0	725
YEAR	7893	395	170	21	11	5	3	8498

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
97.0	0	0.0	0.0	0.5	1.4	3.9	6.5	11.0	15.1	61	1.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS 5HER8OURNE/WILTON ST.TORONTO MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	12	3	2	2	2	2	3	3	3	6	3	3	4	4	4	5	4	3	3	2	1	2	2	3
2	3	3	4	3	4	5	4	4	8	5	5	7	5	7	6	4	5	6	4	2	0	0	0	0	4
3	0	0	0	0	0	0	2	4	7	5	4	2	3	4	4	4	10	5	3	3	1	1	2	1	3
4	1	0	1	0	0	1	3	5	9	7	5	4	3	2	2	4	5	5	3	2	1	1	0	1	3
5	0	0	0	0	0	0	1	3	6	7	6	5	3	5	5	****	6	4	4	4	4	4	6	5	3
6	6	5	5	4	4	3	4	5	5	6	4	5	4	3	3	2	2	3	3	2	2	2	2	1	4
7	1	1	2	2	1	2	4	7	6	7	5	5	7	11	12	11	13	10	10	10	6	4	3	4	6
8	7	6	4	2	3	4	4	7	11	10	6	5	3	3	****	****	4	4	4	5	3	3	3	3	5
9	2	1	3	3	1	2	4	6	8	7	9	9	8	6	7	9	8	7	5	4	4	4	5	6	5
10	4	3	2	2	2	2	4	9	11	9	5	4	5	6	****	4	5	7	5	6	4	2	4	3	5
11	3	3	4	3	5	8	20	41	58	32	23	13	6	4	4	5	5	5	5	4	3	6	7	9	12
12	5	5	12	9	7	10	14	24	29	12	9	10	9	7	7	7	9	9	12	15	11	12	22	45	13
13	32	20	14	9	4	2	4	4	5	7	6	6	3	3	3	3	3	2	2	2	2	2	3	4	6
14	3	4	5	7	3	2	2	2	5	1	1	1	1	1	1	1	1	1	1	2	1	0	1	1	2
15	1	0	0	0	0	0	2	3	5	5	6	5	3	5	5	6	6	4	3	3	9	2	3	2	3
16	1	1	1	1	2	1	2	5	9	10	5	6	3	3	4	3	5	5	5	3	5	7	11	12	5
17	14	21	28	21	12	3	4	8	6	6	6	7	7	10	10	16	20	14	17	9	2	1	1	2	10
18	1	1	1	1	2	1	4	6	8	8	8	6	6	7	4	6	8	7	5	4	4	3	5	5	5
19	5	4	3	3	4	7	10	20	29	****	21	19	20	9	9	10	7	6	7	11	4	1	2	2	9
20	2	2	3	1	1	3	6	5	8	5	3	3	3	2	3	2	2	4	5	7	2	1	3	2	3
21	1	1	2	2	1	2	5	3	3	3	2	2	3	3	2	2	2	2	1	2	1	1	1	1	2
22	1	1	3	2	1	1	3	5	6	6	4	3	3	4	3	3	3	3	3	2	2	6	6	6	3
23	3	1	2	1	1	3	6	10	9	9	7	9	8	8	9	9	7	6	3	3	3	3	4	3	5
24	3	3	2	1	1	2	5	9	6	5	6	****	****	9	9	6	6	3	4	1	1	1	1	1	4
25	1	1	1	3	3	2	4	8	8	8	8	8	10	8	9	****	10	8	4	5	3	3	4	4	5
26	4	2	3	3	2	3	4	10	12	12	9	5	6	6	5	7	7	6	6	6	5	4	5	5	6
27	5	4	3	2	3	3	5	6	6	6	6	5	5	6	8	11	15	21	9	11	10	8	7	6	7
28	6	7	3	1	2	2	2	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	2	2
29	2	2	2	1	1	1	1	3	4	3	3	3	2	3	4	****	3	3	1	1	1	1	1	1	2
30	1	1	1	1	1	1	4	5	6	6	3	2	2	2	3	7	S	5	3	2	1	1	2	1	3
31	1	1	1	1	1	1	3	5	7	5	3	3	2	2	4	3	4	2	2	2	2	1	1	1	2
MEAN	4	4	4	3	2	3	5	8	10	7	6	6	5	5	5	6	6	6	5	4	3	3	4	5	4.8

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILA8LE - 0.0

NOTES 1. "****" INDICATE5 INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINI5TRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHER8OURNE/WILTON ST,TORONTO MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	2	5	4	5	4	5	4	5	6	9	3	2	2	1	1	1	2	2	3
2	2	2	1	1	1	2	2	6	9	5	4	4	4	3	4	5	5	2	3	4	3	3	4	5	4
3	4	5	11	9	14	15	23	36	12	20	15	3	3	3	3	4	5	3	3	4	4	5	4	1	9
4	1	3	1	1	1	1	1	2	2	2	1	1	0	1	1	1	1	1	0	0	0	0	1	1	1
5	0	0	0	0	0	0	1	4	4	3	3	2	2	3	****	2	2	2	1	2	1	1	1	1	2
6	1	1	2	2	2	8	9	20	31	****	****	****	****	****	****	****	****	4	5	4	2	3	4	3	6
7	2	2	2	2	3	6	10	15	9	6	5	5	5	4	4	4	4	3	2	8	6	6	5	6	5
8	6	5	4	0	0	0	1	S	12	6	3	1	1	1	1	2	4	5	2	2	2	2	2	2	3
9	2	2	1	1	1	2	3	6	8	6	****	5	5	4	3	5	3	4	4	4	5	3	2	4	4
10	4	3	2	2	1	2	3	4	5	11	6	4	3	2	2	1	1	1	1	2	2	1	1	1	3
11	3	3	3	3	2	2	1	1	3	2	3	2	2	3	3	2	6	9	9	12	18	21	19	20	6
12	25	21	12	10	16	16	24	29	20	21	21	10	7	6	7	8	10	11	6	6	3	1	2	2	12
13	1	1	1	1	2	3	4	7	10	8	6	5	5	4	6	5	6	5	4	5	3	3	4	4	4
14	3	2	1	2	3	2	3	6	8	8	8	10	10	****	9	11	9	4	2	3	1	6	7	4	S
15	2	2	1	2	2	2	5	8	10	7	6	4	5	4	4	4	3	2	1	1	1	2	1	2	3
16	11	9	8	6	5	6	9	11	10	8	9	5	6	4	****	5	6	4	3	4	3	3	4	3	6
17	3	3	2	2	2	2	2	3	4	4	4	3	4	3	4	3	3	4	5	6	4	4	3	3	3
18	4	6	10	6	7	5	8	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1	3
19	1	1	0	0	0	4	9	20	26	****	9	5	4	3	****	7	5	7	8	10	3	4	8	8	6
20	6	3	5	2	2	3	5	10	12	15	5	4	3	3	2	3	4	3	2	7	12	10	11	11	6
21	9	8	4	3	3	4	13	17	14	13	14	19	23	5	4	5	6	7	8	5	2	1	1	0	8
22	0	0	0	0	0	0	1	1	2	1	4	3	****	9	11	12	15	8	6	2	2	1	2	0	3
23	1	1	0	0	0	1	3	5	15	5	6	6	7	14	16	16	23	17	20	16	8	4	8	5	8
24	8	11	9	1	1	1	3	6	5	3	2	2	2	2	2	2	3	2	2	2	1	1	1	1	3
25	0	0	0	0	0	0	1	1	1	1	1	1	2	2	1	0	0	1	1	1	1	1	1	0	1
26	0	0	0	0	0	0	2	8	13	6	4	4	3	3	4	7	5	5	2	1	1	1	1	1	3
27	1	1	1	1	1	1	4	6	9	7	5	3	****	4	3	3	3	2	2	3	2	3	5	3	3
28	4	11	9	9	10	3	9	14	21	29	15	8	6	4	3	4	6	8	8	10	11	14	12	14	10
MEAN	4	4	3	2	3	3	6	9	10	8	6	5	S	4	4	5	5	5	4	5	4	4	4	4	4.8

PERCENTAGE OF OATA VALID - 97.6 PERCENTAGE OF OATA INVALIO - 2.4 PERCENTAGE OF DATA UNAVAILA8LE - 0.0

NOTE5 1. "****" INOICATE5 INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILA8LE

3. "******" INDICATE5 LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	1	1	1	1	3	5	4	2	2	2	2	2	1	2	3	2	2	1	1	1	3	5	2
2	5	2	2	1	1	1	2	3	3	8	9	12	7	11	11	14	12	12	9	6	5	5	7	5	6
3	3	3	1	1	1	1	3	3	4	4	2	1	3	2	1	1	1	1	1	2	4	5	4	4	2
4	2	1	1	1	1	1	1	1	2	1	1	1	2	11	5	8	12	11	10	11	7	10	24	35	7
5	4	3	2	1	2	3	6	11	14	10	8	7	****	6	3	5	7	6	7	7	5	3	3	4	6
6	1	1	1	1	1	2	8	16	12	9	8	7	5	4	4	3	3	2	6	5	2	1	2	5	5
7	3	2	1	1	1	11	28	55	16	6	4	2	2	2	3	4	4	2	1	2	1	1	3	11	7
8	14	8	5	4	5	4	8	15	17	6	2	****	3	4	7	9	12	15	11	3	3	4	7	7	8
9	8	7	4	1	4	11	21	29	44	19	11	****	****	5	7	9	7	3	3	1	1	1	2	3	9
10	7	8	3	1	1	1	2	5	5	6	5	4	3	2	2	2	2	3	2	1	1	1	0	0	3
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	2	1	1	1	2	3	4	3	1
13	2	0	0	0	0	1	5	9	7	5	7	8	****	9	5	5	10	4	2	4	2	2	2	2	4
14	1	1	1	1	1	1	1	3	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	0	0	0	1	1	3	2	2	1	1	1	1	1	1	1	1	0	0	1	2	2	2	1
16	3	2	1	0	0	1	4	7	4	3	2	****	2	3	3	4	3	2	9	8	6	5	6	7	4
17	4	4	3	5	10	11	10	8	11	4	3	4	3	2	3	3	2	1	1	1	1	1	2	8	4
18	12	9	9	5	5	6	6	10	3	2	2	1	2	3	2	1	2	1	1	3	1	1	0	0	4
19	0	0	0	1	2	3	10	6	4	2	3	1	3	3	3	4	5	3	8	16	22	28	37	46	9
20	31	28	36	17	7	11	46	****	62	37	****	13	7	6	9	15	19	15	21	28	26	9	6	4	21
21	4	11	13	3	4	6	15	29	32	9	3	3	3	3	4	7	5	4	11	25	16	21	****	****	11
22	87	50	15	11	25	3	5	15	14	21	17	7	4	3	****	5	5	2	3	6	9	1	1	1	13
23	1	1	1	1	1	1	6	7	4	4	7	7	5	6	6	8	11	15	5	2	2	1	1	3	4
24	3	1	1	1	1	1	1	2	2	2	2	2	7	11	7	3	4	2	6	9	6	9	10	6	4
25	3	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4	5	2	2
26	2	1	1	1	1	2	2	2	2	2	2	2	1	****	1	1	1	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	2	2	1	1	1	0	0	0	1	1	0	0	0	1	0	1	0	1
28	1	1	1	1	4	9	14	9	8	5	4	3	4	2	1	****	1	1	1	0	0	2	5	2	3
29	2	2	2	1	2	4	16	23	20	12	9	15	11	6	8	9	10	11	10	19	11	10	8	3	9
30	1	1	0	1	1	1	4	7	8	12	10	14	22	****	15	15	20	12	5	16	14	15	7	7	9
31	7	4	4	5	1	2	3	9	10	7	1	1	1	1	1	1	1	1	1	1	1	1	0	0	3
MEAN	7	5	4	2	3	3	8	10	10	7	4	4	4	4	4	5	5	4	4	6	5	5	5	6	5.2

PERCENTAGE OF OATA VALID - 98.1 PERCENTAGE OF DATA INVALIO - 1.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1	0	0	0	0
2	0	0	0	0	0	1	3	7	9	****	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
3	- DATA UNAVAILABLE -																								
4	- DATA UNAVAILABLE -																								
5	- DATA UNAVAILABLE -																								
6	- DATA UNAVAILABLE -																								
7	- DATA UNAVAILABLE -																								
8	- DATA UNAVAILABLE -																								
9	- DATA UNAVAILABLE -																								
10	- DATA UNAVAILABLE -																								
11	- DATA UNAVAILABLE -																								
12	- DATA UNAVAILABLE -																								
13	- DATA UNAVAILABLE -																								
14	- DATA UNAVAILABLE -																								
15	- DATA UNAVAILABLE -																								
16	- DATA UNAVAILABLE -																								
17	- OATA UNAVAILABLE -																								
18	- DATA UNAVAILABLE -																								
19	- DATA UNAVAILABLE -																								
20	- OATA UNAVAILABLE -																								
21	- DATA UNAVAILABLE -																								
22	- OATA UNAVAILABLE -																								
23	- DATA UNAVAILABLE -																								
24	- DATA UNAVAILABLE -																								
25	- OATA UNAVAILABLE -																								
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	24	20	12	7	5	4	2	2	******
27	2	3	3	2	2	3	3	5	3	****	8	10	9	9	9	10	9	8	7	6	5	3	3	3	5
28	2	3	3	2	2	2	2	3	7	7	6	4	5	8	7	9	7	5	7	9	10	9	14	22	6
29	9	3	2	1	1	1	1	1	1	2	3	4	4	4	5	4	4	3	3	3	4	6	8	4	3
30	3	3	2	2	4	10	16	17	13	12	12	12	****	5	5	7	4	3	2	2	3	6	6	3	7
MEAN	3	2	2	1	2	3	4	6	6	5	6	6	5	5	5	6	8	7	5	5	5	5	6	6	4.6

PERCENTAGE OF OATA VALID - 18.8 PERCENTAGE OF OATA INVALIO - 0.6 PERCENTAGE OF OATA UNAVAILABLE - 80.7

NOTES 1. "*****" INDICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALIO OATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	2	3	4	3	3	****	****	1	1	2	2	2	1	1	1	1	2	3	2	2
2	2	2	1	2	3	18	21	15	12	8	7	5	4	****	3	4	5	4	2	1	1	1	1	1	5
3	0	0	0	0	0	1	3	4	3	3	5	3	4	8	13	17	18	33	25	1	1	1	1	1	6
4	0	0	0	0	0	1	3	3	6	6	****	5	7	6	8	14	6	1	1	1	1	1	1	1	3
5	0	0	0	0	0	0	0	1	1	1	1	3	2	2	2	2	2	3	2	3	1	1	1	2	1
6	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	3	3	3	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
8	0	0	0	0	1	9	16	17	14	10	10	8	5	****	2	2	2	4	3	2	1	5	8	2	5
9	0	0	0	1	4	17	28	11	12	4	3	2	2	3	3	5	5	5	7	8	12	16	11	16	7
10	11	10	6	5	13	22	57	45	21	17	8	5	3	2	2	1	2	2	6	2	2	2	6	7	11
11	2	1	1	1	1	7	20	18	10	6	7	6	6	****	4	3	1	1	1	1	1	3	9	8	5
12	14	2	2	4	2	2	4	8	15	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	3
13	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	3	6	7	8	10	2
14	5	2	1	1	1	7	20	11	7	4	5	****	****	3	3	2	2	1	3	9	8	7	11	3	5
15	1	1	1	2	2	2	10	10	6	16	9	5	3	5	7	8	6	3	2	5	3	2	2	1	5
16	1	1	1	1	1	1	2	5	4	2	2	2	2	1	1	1	1	1	1	1	2	3	4	4	2
17	6	12	10	11	15	23	15	18	11	9	5	3	3	3	4	5	3	3	4	3	1	1	2	1	7
18	1	1	1	4	6	10	14	14	9	9	6	5	6	4	3	6	5	2	1	0	0	1	2	0	5
19	0	0	0	0	1	3	4	3	2	2	3	3	3	2	1	1	1	1	1	1	1	1	2	2	2
20	2	2	2	1	0	1	1	2	1	1	1	1	1	1	2	1	1	1	0	0	0	7	8	8	2
21	12	1	0	0	1	3	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1
22	1	1	1	1	1	2	5	9	9	7	4	5	****	4	4	3	3	2	1	0	****	0	0	0	3
23	0	0	0	0	0	1	4	5	4	4	4	4	5	7	4	6	6	2	2	1	1	0	0	0	3
24	1	1	1	1	1	1	3	4	2	2	1	1	5	5	7	7	6	4	1	0	1	4	5	1	3
25	0	0	0	0	0	0	2	4	4	4	5	4	4	5	2	2	2	2	2	2	1	1	1	1	2
26	1	1	1	0	0	1	1	4	4	3	2	3	3	2	3	2	2	2	3	3	3	1	1	1	2
27	1	0	1	1	0	1	2	2	2	1	1	1	3	2	1	1	1	1	0	0	1	3	3	1	1
28	0	1	3	2	4	12	12	9	12	9	4	3	4	2	3	7	3	2	4	4	9	4	3	7	5
29	3	4	1	1	2	6	17	25	12	7	5	8	10	5	5	4	4	7	7	4	4	3	5	4	6
30	7	3	2	2	2	10	21	22	11	9	5	4	2	1	1	1	1	1	2	1	4	7	6	4	5
31	0	0	0	0	1	18	36	19	9	8	6	1	1	1	1	1	1	1	1	0	1	6	4	1	5
MEAN	2	2	1	1	2	6	11	10	7	5	4	3	3	3	3	4	3	3	3	2	2	3	4	3	3.7

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYORO SS SHERBOURNE/WILTON ST.TORONTO MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	2	2	0	2	6	7	3	1	1	1	1	1	1	1	2	2	2	6	6	6	14	19	4
2	5	1	0	0	4	1	1	1	1	1	1	1	0	0	1	1	1	2	1	1	1	5	9	9	2
3	6	2	1	1	1	2	2	1	1	1	1	1	0	1	0	0	0	0	0	5	11	12	11	5	3
4	4	2	1	1	1	5	10	10	5	4	3	1	1	1	1	1	1	1	1	9	5	2	1	2	3
5	0	0	0	1	2	8	6	2	1	3	2	2	3	****	1	1	1	0	0	1	1	1	1	2	2
6	2	1	1	0	1	3	5	4	3	2	3	2	4	4	3	3	2	2	2	1	1	1	1	0	2
7	0	0	0	0	2	9	16	13	9	6	5	3	2	1	2	1	0	0	1	0	4	6	10	7	4
8	1	1	1	1	2	13	14	15	10	6	4	****	4	2	1	1	2	2	4	2	7	11	9	2	5
9	2	2	1	2	2	4	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	0	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1
11	0	0	0	0	0	2	2	1	1	1	1	1	****	1	1	1	1	1	1	0	0	2	2	1	1
12	1	0	0	0	0	2	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
13	1	1	0	0	0	1	3	4	2	1	1	1	1	1	1	1	0	0	0	0	1	7	8	3	2
14	3	6	20	18	12	22	18	9	6	4	****	2	2	3	3	3	2	1	1	0	0	1	1	1	6
15	0	0	0	1	2	9	7	6	2	2	2	1	1	1	0	0	0	0	0	1	1	7	5	3	2
16	2	1	0	0	1	4	3	3	2	1	0	0	0	0	0	0	0	0	0	1	1	4	10	12	2
17	6	6	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	1	1	1	1	3	3	2	1	2	1	****	2	2	2	1	1	2	5	7	9	19	4	3
19	2	1	1	1	2	4	13	7	6	3	3	2	4	3	3	4	4	4	3	1	1	2	3	1	3
20	0	0	0	1	3	2	4	7	4	4	****	5	5	4	3	3	3	2	1	1	1	1	4	10	3
21	4	2	1	1	1	2	11	14	14	13	10	6	5	5	6	6	4	2	2	3	6	4	5	3	5
22	2	2	1	1	2	4	10	12	12	8	8	5	****	7	4	4	3	3	2	2	2	1	2	1	4
23	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	3	2	2	2	2	2	2
24	3	4	2	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	2	3	5	4	2
25	2	2	2	2	4	4	10	14	10	8	8	5	4	4	4	6	7	6	5	5	6	9	10	16	6
26	26	32	20	16	19	25	35	26	15	9	8	6	5	****	4	3	3	3	3	3	5	9	6	2	12
27	1	1	1	1	1	4	6	6	10	13	12	5	2	8	5	7	5	6	11	11	9	3	2	3	6
28	3	3	3	2	3	6	14	31	18	15	8	2	2	2	3	3	2	2	3	4	4	3	3	6	6
29	5	6	3	1	2	5	11	12	****	****	****	2	3	2	2	3	1	1	1	1	1	1	1	1	3
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
MEAN	3	3	2	2	2	5	8	7	5	4	3	2	2	2	2	2	2	2	2	2	3	4	5	4	3.3

PERCENTAGE OF OATA VALIO - 98.5 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	2	1	2	2	2	3	2	1	
2	3	2	1	1	2	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
3	1	1	1	1	2	4	6	7	5	2	1	2	1	****	1	2	2	1	1	1	1	2	2	3	2	
4	2	1	1	1	1	5	11	10	8	8	5	3	2	1	1	2	1	0	0	0	0	0	1	1	3	
5	1	1	1	1	1	2	5	4	2	2	3	1	****	****	****	****	****	****	****	****	****	****	****	****	******	
6												-	OATA	INVALIO	-											
7												-	OATA	INVALIO	-											
8												-	OATA	INVALIO	-											
9	****	****	****	****	****	****	****	****	****	****	****	****	2	1	1	2	1	2	2	1	2	3	2	1	******	
10	1	1	1	1	1	3	8	7	6	5	8	7	5	4	3	2	2	2	4	4	3	3	3	3	4	
11	2	2	3	3	3	6	5	5	8	6	4	2	2	2	2	2	3	3	3	2	3	2	6	9	4	
12	10	13	11	12	14	22	28	20	12	9	4	2	2	1	1	1	1	1	1	2	2	3	7	2	8	
13	2	1	1	1	2	7	13	9	7	3	1	1	****	3	3	2	2	2	2	2	2	3	2	2	3	
14	2	10	14	10	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
15	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	7	3	3	3	2	
16	3	4	4	6	10	6	4	14	13	7	4	2	2	2	3	6	5	2	2	2	2	2	3	2	5	
17	2	1	1	1	2	3	7	8	7	5	5	3	4	****	4	4	4	2	5	5	1	2	2	2	3	
18	1	1	1	1	1	2	6	8	8	5	4	1	1	1	1	2	3	2	1	1	1	2	2	1	2	
19	1	0	0	1	4	12	15	19	5	4	5	3	2	2	1	1	2	1	1	0	0	2	2	2	4	
20	10	4	2	2	3	9	25	11	3	2	1	1	1	1	1	1	2	2	1	1	2	1	1	5	4	
21	11	7	8	15	13	11	10	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	4	
22	1	3	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	2	8	1	
23	2	2	1	0	0	1	5	9	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	
24	2	1	1	1	2	3	8	6	3	3	3	2	3	3	2	3	2	2	2	2	1	1	2	1	2	
25	1	1	1	1	1	3	7	8	5	4	5	4	2	3	3	2	2	2	2	2	2	2	2	2	3	
26	2	2	2	1	2	3	7	8	6	8	3	3	3	2	2	4	3	1	1	1	1	1	1	1	3	
27	1	1	1	2	2	3	5	8	9	14	10	4	****	2	2	2	1	2	1	2	3	3	4	3	4	
28	2	2	1	1	1	2	6	5	5	3	3	4	2	1	1	1	2	1	1	1	1	1	1	1	2	
29	2	2	2	2	2	3	4	1	1	2	1	1	1	1	1	1	1	1	1	1	1	3	2	6	4	2
30	2	1	1	1	2	6	16	11	6	7	5	2	2	1	2	2	1	1	1	1	1	1	2	1	3	
31	1	1	1	1	1	6	9	15	7	2	3	4	2	2	1	2	2	3	4	6	9	5	2	2	4	
MEAN	3	3	2	3	3	5	8	8	5	4	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3.0	

PERCENTAGE OF OATA VALIO - 86.6 PERCENTAGE OF OATA INVALIO - 13.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	2	6	7	3	5	8	5	4	4	3	3	3	2	2	1	1	2	2	1	3
2	1	1	1	1	1	3	6	6	4	2	2	2	2	1	1	1	1	1	2	4	7	10	13	9	3
3	6	4	3	4	7	13	24	9	7	4	2	1	3	2	2	2	2	2	1	3	5	7	5	7	5
4	3	3	4	2	2	5	6	3	2	2	2	2	2	2	2	3	3	3	3	10	15	9	4	12	4
5	11	11	7	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	3
6	2	2	2	1	1	1	1	2	2	1	1	1	2	2	2	2	2	2	2	2	3	6	8	9	2
7	10	4	2	2	5	10	13	8	7	6	5	5	6	3	2	2	2	2	2	2	2	2	1	1	4
8	1	2	2	3	3	9	6	6	7	11	3	2	****	6	4	3	1	1	1	1	1	1	2	2	3
9	2	2	1	1	2	5	6	5	5	5	3	3	5	5	5	4	3	3	3	3	2	2	2	1	3
10	1	1	1	1	1	4	4	7	11	15	6	1	0	0	0	1	1	1	0	1	1	1	1	1	3
11	1	1	0	0	0	1	1	3	2	1	1	1	3	3	2	2	2	1	3	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	2	5	9	22	3
13	13	20	14	11	12	23	48	35	13	6	4	2	****	2	3	1	1	1	0	0	0	0	0	0	9
14	0	0	0	0	0	3	3	3	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
15	0	0	0	0	0	1	2	3	3	4	3	2	2	****	2	2	1	1	1	1	2	2	3	4	2
16	3	3	1	2	3	5	14	13	7	5	5	6	4	3	3	4	2	1	2	3	3	12	10	8	5
17	9	5	6	11	14	20	26	37	20	10	7	5	6	4	7	10	6	3	5	6	3	4	5	1	10
18	2	1	0	0	1	1	2	3	5	6	5	4	4	4	4	8	10	11	11	11	10	9	18	22	6
19	20	9	16	13	3	1	1	1	1	1	1	1	2	1	0	0	0	1	2	1	1	4	5	5	4
20	13	10	4	4	8	17	22	15	11	13	8	4	3	****	4	5	3	4	4	2	3	9	12	18	9
21	18	16	14	17	17	20	14	13	11	9	4	3	3	4	3	3	5	5	8	15	26	24	16	15	12
22	5	3	3	2	1	3	5	5	3	2	2	2	2	****	6	4	1	1	1	1	1	1	1	2	2
23	1	1	2	3	5	8	13	13	14	12	10	8	8	8	9	8	5	6	7	5	3	2	4	6	7
24	4	2	2	1	2	4	10	9	8	6	4	3	3	****	4	4	2	2	2	2	1	2	5	2	4
25	2	1	1	1	1	1	1	1	3	3	2	2	2	2	2	3	2	4	6	10	2	2	2	3	2
26	2	2	2	1	1	2	1	2	2	1	2	1	1	1	1	1	1	2	2	1	2	2	3	2	2
27	1	1	1	1	2	8	13	12	10	4	3	2	2	2	3	4	3	3	3	3	2	2	3	2	4
28	4	5	3	8	8	9	10	10	9	6	4	5	****	****	4	5	4	3	2	2	2	2	3	3	5
29	2	2	2	2	2	7	15	13	10	7	7	6	5	4	4	3	4	5	6	5	7	5	6	5	6
30	8	4	3	4	5	13	11	8	5	4	3	3	3	****	2	2	1	1	1	1	2	2	1	2	4
31	1	1	1	1	1	2	7	16	6	4	4	2	2	2	1	2	2	1	1	2	2	2	3	3	3
MEAN	5	4	3	3	4	6	9	9	6	5	4	3	3	3	3	3	3	2	3	3	4	4	5	6	4.3

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST.TORONTO MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	5	15	17	18	19	21	9	4	3	1	0	0	0	0	0	0	0	3	2	1	1	1	1	5
2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
3	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0
4	0	0	0	0	1	4	8	13	7	6	5	4	1	3	3	3	3	2	2	2	1	1	3	2	3
5	6	12	12	9	8	9	17	9	5	2	1	1	2	3	3	5	2	1	0	0	0	0	1	2	5
6	1	2	1	1	1	2	8	10	10	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
7	0	0	0	0	0	1	4	5	4	2	3	2	6	4	4	3	2	1	2	1	0	0	0	0	2
8	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	3	1
9	4	4	1	2	1	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	2	8	2	1	1	0	0	1	5	3	3	2	0	0	0	0	1	3	3	1
11	4	1	0	2	2	5	10	11	10	4	3	4	4	1	****	-	3	2	3	2	3	9	13	9	5
12	7	3	0	0	1	8	14	9	6	4	4	4	2	3	2	0	0	0	0	0	0	0	0	0	3
13	0	1	0	0	1	7	19	16	5	1	1	1	1	2	2	3	3	2	4	2	1	2	2	0	3
14	0	0	0	0	0	0	3	5	5	6	4	4	2	2	2	2	2	1	2	2	3	1	1	2	2
15	1	1	0	0	0	0	2	4	1	0	0	0	0	0	0	0	0	0	1	0	0	1	6	5	1
16	3	3	1	0	0	1	4	3	4	5	2	2	1	1	1	0	0	0	1	3	4	4	6	2	2
17	0	0	0	0	1	6	16	15	7	4	2	1	0	0	0	2	1	0	0	1	3	3	2	1	3
18	0	0	0	0	0	4	8	8	3	2	1	0	0	0	0	1	0	0	0	****	0	0	0	0	1
19	0	1	0	1	1	2	4	5	3	2	2	1	1	1	1	2	2	****	3	3	3	4	4	2	2
20	5	16	19	19	19	26	47	59	40	18	9	3	2	2	1	2	4	2	2	5	9	8	4	3	14
21	2	2	1	1	0	8	20	18	12	9	8	6	1	2	4	4	4	3	3	5	****	3	3	3	5
22	3	3	1	1	1	2	4	6	5	2	1	1	0	0	0	0	0	0	1	2	3	3	3	4	2
23	4	3	3	3	2	2	4	3	3	1	1	2	1	1	2	3	2	2	4	4	12	22	25	30	6
24	25	19	13	11	9	12	25	34	16	8	5	5	3	2	4	4	3	1	1	1	0	5	13	12	10
25	28	31	31	21	26	42	45	31	17	12	7	6	7	5	4	2	5	13	5	9	6	20	8	12	16
26	1	0	1	0	0	0	5	9	7	3	1	4	5	2	3	4	3	4	7	21	25	15	53	37	9
27	28	32	37	26	21	32	54	62	23	15	12	6	4	3	3	3	5	4	9	16	6	1	6	9	17
28	4	2	2	1	5	11	20	12	9	8	8	6	5	7	15	13	10	10	6	3	2	2	6	11	7
29	13	10	8	7	6	10	11	10	9	10	5	4	2	0	1	1	0	1	1	1	1	4	7	17	6
30	21	12	3	0	0	1	5	11	12	3	1	2	2	2	2	1	1	1	1	5	5	9	1	0	4
MEAN	5	6	5	4	4	7	13	13	8	5	3	2	2	2	2	2	2	2	2	3	3	4	6	6	4.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST.TORONTO MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	11	16	12	7	6	10	2	2	6	8	7	5	4	2	3	5	12	8	5
2	5	2	0	0	0	3	8	14	9	4	3	5	2	2	3	2	2	1	1	1	1	1	1	1	3
3	1	1	1	1	1	3	6	6	8	11	8	9	7	9	10	12	13	8	5	2	6	8	8	3	6
4	0	0	0	0	0	4	10	17	11	9	5	7	11	8	5	9	9	8	11	11	11	11	16	20	8
5	14	9	5	4	1	3	8	14	13	13	8	1	6	10	15	15	9	9	7	6	3	1	3	2	7
6	1	1	0	1	1	2	5	5	5	5	3	4	4	2	4	3	1	2	1	1	0	0	0	1	2
7	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1
8	1	-	0	1	0	0	1	2	0	0	0	2	2	1	2	3	3	6	6	3	2	1	1	1	2
9	1	1	0	0	1	2	4	6	6	5	-	****	2	3	3	3	3	3	6	6	3	2	3	6	3
10	13	11	-	12	13	****	26	36	41	9	6	2	7	6	7	6	7	4	5	4	7	5	5	6	11
11	5	3	1	2	2	11	10	20	22	13	10	8	2	5	****	8	7	5	4	4	2	0	1	1	6
12	0	0	0	0	0	3	8	10	9	7	6	8	5	****	13	9	8	8	8	8	1	3	2	2	5
13	3	1	0	0	1	1	4	5	6	5	3	1	2	1	1	1	1	2	2	2	1	1	1	3	2
14	3	2	4	3	1	0	1	1	1	1	0	0	0	0	0	0	0	1	2	5	6	7	8	4	2
15	3	3	2	2	3	9	14	-	12	****	9	10	8	7	5	5	3	2	2	3	3	4	3	3	5
16	2	0	0	0	0	2	6	7	5	3	2	-	2	1	2	2	1	1	1	1	1	2	3	5	2
17	9	8	7	7	9	12	26	-	-	22	21	23	17	18	20	52	58	42	60	56	43	40	49	52	30
18	53	11	1	0	2	4	11	16	6	6	5	5	4	6	7	5	****	4	5	8	5	6	4	4	8
19	2	2	1	0	0	2	6	6	5	5	6	5	9	5	6	-	-	14	13	1	2	4	3	2	5
20	3	3	0	0	3	4	3	6	7	10	5	4	1	0	0	3	1	3	5	4	6	4	3	0	3
21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	6	8	8	7	5	2	2
22	1	0	1	1	4	17	42	40	22	16	11	9	6	5	6	8	9	10	6	5	3	5	6	3	10
23	0	0	0	0	0	4	7	10	9	3	6	7	5	4	4	6	4	4	6	2	1	2	2	1	4
24	1	0	0	0	1	5	6	8	8	8	5	7	5	2	2	2	2	1	1	1	0	-	0	0	3
25	0	0	0	0	0	0	2	4	2	2	1	1	1	1	1	2	4	3	2	1	1	2	1	1	1
26	1	0	0	0	0	0	3	7	5	4	3	-	2	-	1	1	1	0	0	0	0	0	0	0	1
27	0	0	0	0	-	0	4	4	5	1	1	2	4	5	6	4	2	2	3	2	1	0	0	0	2
28	1	1	-	0	0	0	3	6	8	5	3	2	4	2	2	2	7	7	4	3	2	1	0	0	3
29	0	0	0	0	0	1	0	3	6	5	4	3	3	2	3	3	6	6	5	6	2	3	2	3	3
30	1	0	0	0	0	0	2	5	5	4	3	3	0	3	2	4	5	4	4	4	3	3	2	2	2
31	2	0	0	0	0	1	8	12	9	6	4	3	3	1	1	1	2	2	0	0	1	5	12	11	4
MEAN	4	2	1	1	1	3	8	10	9	6	5	5	4	4	5	6	6	5	6	5	4	5	5	5	4.8

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST,TORONTO MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	3	1	0	0	0	8	13	18	16	17	19	14	15	15	10	11	21	37	12	2	2	2	6	10
2	5	4	3	3	3	3	8	12	17	14	6	5	7	7	4	6	9	9	11	8	9	6	2	2	7
3	3	4	5	10	8	5	2	4	8	13	7	4	4	3	2	2	4	3	1	2	5	3	6	-	5
4	8	3	2	1	1	1	4	9	9	4	0	0	1	2	2	3	4	1	9	14	7	4	8	16	5
5	17	17	12	17	26	34	44	59	38	13	10	10	10	5	6	10	14	8	5	4	4	4	8	11	16
6	20	29	23	17	12	10	13	26	40	34	15	14	13	13	18	14	18	10	11	14	15	19	20	14	18
7	8	4	1	1	1	0	0	2	3	2	2	1	0	1	2	2	3	4	2	4	4	3	2	2	2
8	3	1	1	0	0	-	****	3	2	3	3	3	2	4	9	11	8	7	6	7	5	3	2	2	4
9	3	7	9	17	23	20	22	38	57	19	13	15	12	11	9	11	5	4	4	-	4	4	5	5	14
10	8	10	5	2	1	2	1	2	2	2	2	1	1	1	1	1	2	2	2	2	1	2	2	2	2
11	1	1	-	0	1	1	1	1	2	3	2	2	-	1	1	0	0	2	1	1	2	3	3	4	2
12	3	2	2	-	1	1	2	5	6	4	4	3	6	7	8	10	11	8	8	8	28	28	31	27	9
13	23	20	13	5	2	2	4	12	19	16	12	10	7	4	2	4	6	7	8	8	7	3	2	2	8
14	2	1	0	1	0	2	3	7	8	8	4	3	1	3	4	5	5	6	5	2	2	2	3	9	4
15	4	7	7	2	2	3	9	10	9	7	5	4	4	5	8	13	10	10	10	11	9	4	2	1	7
16	0	0	0	0	0	0	1	2	4	3	4	0	4	6	7	8	7	5	5	4	5	8	5	9	4
17	6	4	1	1	0	2	2	3	7	6	8	5	3	2	1	1	1	3	4	13	40	39	54	77	12
18	****	87	80	61	34	25	22	20	26	21	4	5	5	3	3	3	2	2	5	9	6	1	1	1	19
19	1	0	1	0	0	1	3	12	16	14	8	8	9	10	10	13	9	8	5	5	3	6	7	7	7
20	6	4	2	2	6	14	20	37	26	16	10	11	8	6	3	3	4	4	3	3	2	2	2	1	8
21	1	1	0	0	0	0	2	12	11	8	9	8	6	2	5	4	5	-	1	0	1	1	2	2	4
22	1	2	2	1	3	6	22	32	31	24	12	7	7	6	10	9	9	9	8	5	7	5	5	4	9
23	5	4	1	3	3	10	-	24	15	18	19	23	21	17	25	33	22	29	23	16	15	26	37	43	19
24	39	-	13	4	1	1	2	2	2	2	2	3	4	4	3	5	7	7	10	8	9	****	6	10	7
25	6	9	10	35	34	21	20	14	9	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	7
26	1	1	1	1	1	2	12	14	11	10	11	11	6	4	2	3	5	6	4	2	1	3	4	3	5
27	2	1	0	0	0	2	3	6	8	9	****	****	****	****	****	****	7	12	10	7	6	9	8	3	5
28	2	2	2	1	1	2	5	2	3	1	1	1	1	1	2	4	7	5	3	4	2	2	2	1	2
29	0	1	0	0	0	0	2	4	8	6	3	2	3	2	2	4	-	****	6	5	4	3	3	2	3
30	2	1	0	0	0	0	2	3	4	5	3	2	1	2	2	3	4	7	4	4	3	2	1	2	2
MEAN	6	8	7	6	5	6	9	13	14	10	7	6	6	5	6	7	7	7	7	6	7	7	8	9	7.5

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.4 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO 55 SHERBOURNE/WILTON ST,TORONTO MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	1	1	0	0	1	2	3	3	4	4	6	6	7	****	4	3	3	2	1	1	1	0	3
2	0	1	0	0	0	3	1	1	1	1	0	0	0	0	0	0	0	4	6	3	7	5	4	6	2
3	6	1	0	0	0	0	3	6	9	8	5	7	3	2	1	1	****	2	3	2	3	4	1	2	3
4	2	2	2	1	2	2	6	10	9	10	10	5	2	2	2	3	7	6	4	4	6	6	6	6	5
5	3	2	1	2	1	1	4	9	11	7	4	2	2	3	3	3	6	12	4	2	1	1	2	2	4
6	1	1	0	1	1	3	8	15	16	10	10	8	7	6	7	8	7	6	10	9	8	5	7	8	7
7	6	5	5	4	3	5	10	9	9	5	4	4	1	2	3	4	6	6	5	2	4	2	6	8	5
8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	****	1	0	0	1	3	1
9	3	2	0	0	0	0	0	1	1	3	3	1	1	1	1	3	5	4	3	4	3	3	1	0	2
10	0	0	0	0	1	2	10	10	20	15	10	11	9	5	****	9	9	9	8	8	6	14	8	4	7
11	3	1	1	1	1	2	7	12	13	12	9	7	6	5	6	5	6	9	10	8	6	5	4	4	6
12	2	2	1	2	1	2	9	5	5	4	3	3	2	2	2	2	4	5	2	1	1	1	1	1	3
13	1	1	0	0	0	0	2	5	8	7	6	5	5	6	5	12	10	12	13	10	14	12	6	1	6
14	0	0	1	0	2	3	5	10	15	7	4	2	2	****	2	4	4	2	2	3	2	1	1	3	3
15	5	5	3	1	2	0	1	2	2	2	2	2	2	1	1	2	3	3	3	7	5	5	5	3	3
16	3	3	3	5	3	2	2	4	4	5	7	8	10	7	5	2	1	0	0	0	0	0	0	0	3
17	0	1	1	0	0	0	1	5	13	16	15	11	7	****	4	2	3	3	3	2	1	1	0	1	4
18	0	0	0	0	0	2	1	5	5	4	6	4	4	7	13	16	14	9	4	6	5	1	1	1	5
19	0	0	0	0	0	1	3	3	3	4	2	1	2	3	3	3	3	3	2	1	1	2	4	5	2
20	3	1	1	1	1	2	4	7	8	8	7	9	3	6	6	9	15	26	30	32	33	32	5	5	11
21	2	4	2	0	0	1	11	32	45	24	20	19	17	12	11	12	11	10	12	12	14	14	13	10	13
22	8	5	3	1	1	2	2	2	3	3	5	6	6	7	12	22	19	13	10	16	14	13	12	9	8
23	9	9	7	5	4	4	4	5	5	7	9	8	10	10	7	7	9	12	16	12	16	14	15	12	9
24	10	6	6	8	14	14	11	8	4	4	3	2	2	2	2	2	2	1	1	1	1	1	1	1	4
25	2	2	2	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
27	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	2	3	2	2	1	1	1	1	0	1
28	1	0	0	0	0	0	0	2	4	4	3	1	1	2	2	4	7	7	4	4	5	2	2	1	2
29	1	1	1	0	1	2	1	1	2	2	1	1	1	1	1	1	3	4	3	1	0	0	0	1	1
30	1	1	1	0	0	0	1	2	3	1	0	0	0	0	1	1	1	2	2	2	2	3	3	3	1
31	3	2	1	1	3	14	11	38	25	11	8	3	4	3	3	4	5	8	7	6	6	7	13	-	8
MEAN	3	2	1	1	1	2	4	7	8	6	5	4	4	4	4	5	6	6	6	5	5	5	4	3	4.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST,TORONTO

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4.8	13	58
FEB	28	4.8	12	36
MAR	31	5.2	21	87
APR	5	4.6	7	24
MAY	31	3.7	11	57
JUN	30	3.3	12	35
JUL	26	3.0	8	28
AUG	31	4.3	12	48
SEP	30	4.6	17	62
OCT	31	4.8	30	60
NOV	30	7.5	19	87
DEC	31	4.2	13	45
YEAR	335	4.6	30	87

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 31105 HYDRO SS SHERBOURNE/WILTON ST,TORONTO

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	519	166	35	10	2	2	1	735
FEB	475	113	53	13	2	0	0	656
MAR	521	112	67	17	6	4	3	730
APR	93	31	9	2	0	0	0	135
MAY	587	89	45	9	2	1	1	734
JUN	585	78	39	4	3	0	0	709
JUL	554	64	23	3	0	0	0	644
AUG	564	100	60	8	2	1	0	735
SEP	556	74	52	17	9	3	4	715
OCT	518	137	48	7	3	5	6	724
NOV	413	146	87	27	18	2	7	700
DEC	538	129	59	5	5	1	0	737
YEAR	5923	1239	577	122	52	19	22	7954

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99		
90.8	0	0.0	0.8	2.0	4.3	10.0	14.6	22.7	31.5	87	4.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - JAN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	4	3	2	2	2	2	2	2	2	2	3	3	3	2	2	2	4	3	3	2	3	2	1	2
2	1	1	0	0	0	0	1	5	7	7	5	5	6	7	****	8	13	11	10	9	3	2	1	1	4
3	0	0	0	0	0	0	1	3	5	5	3	2	3	3	3	3	4	5	3	2	2	1	1	1	2
4	1	0	0	0	0	0	1	3	5	3	2	2	2	2	1	****	5	5	4	4	3	3	2	2	2
5	2	2	1	1	1	0	0	1	5	7	7	6	6	6	6	7	11	13	11	11	11	13	13	10	6
6	9	9	8	7	5	5	6	6	8	9	8	6	6	7	6	5	5	6	6	7	9	8	4	3	7
7	4	5	5	4	4	3	4	4	5	6	5	6	6	7	9	14	16	13	11	9	7	6	6	5	7
8	4	2	2	2	2	5	9	19	26	21	13	10	7	5	5	5	6	7	7	6	6	5	4	4	8
9	3	2	1	1	1	1	1	3	6	7	5	4	4	****	5	6	7	8	8	6	5	5	6	6	4
10	7	6	5	4	3	3	4	10	16	12	9	6	5	5	5	4	8	10	11	13	11	9	6	6	7
11	4	2	2	3	3	5	14	26	37	45	34	20	12	10	8	7	10	15	19	28	34	30	28	23	17
12	17	16	11	8	7	6	7	12	9	8	2	1	1	****	1	1	1	2	5	12	29	30	24	17	10
13	11	7	5	4	3	2	2	2	2	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	3
14	2	2	2	2	3	3	4	4	4	4	2	1	1	****	2	2	1	2	2	4	4	3	2	1	2
15	1	1	1	1	0	1	1	3	4	4	4	4	****	****	-	-	-	-	-	-	-	-	-	-	*****
16												- OATA UNAVAILABLE -													
17												- OATA UNAVAILABLE -													
18												- OATA UNAVAILABLE -													
19												- OATA UNAVAILABLE -													
20												- OATA UNAVAILABLE -													
21												- OATA UNAVAILABLE -													
22												- OATA UNAVAILABLE -													
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- DATA UNAVAILABLE -													
27												- OATA UNAVAILABLE -													
28												- OATA UNAVAILABLE -													
29												- OATA UNAVAILABLE -													
30												- OATA UNAVAILABLE -													
31												- OATA UNAVAILABLE -													
MEAN	4	4	3	3	2	2	4	7	9	10	7	5	5	5	4	5	6	7	7	8	9	9	7	6	5.8

PERCENTAGE OF OATA VALIO - 46.1 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 53.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - FE8 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	9	7	7	5	4	4	3	3	******
2	1	1	1	1	1	1	6	11	10	5	4	4	4	****	****	****	6	6	7	11	9	7	6	11	5
3	19	14	15	12	10	10	17	31	40	23	12	7	6	6	6	8	9	11	8	7	9	11	12	11	13
4	4	4	1	1	1	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	2	4	4	3	2	2	1	2	2	3	4	5	4	5	3	3	2	3	3
6	1	1	1	1	2	2	7	17	17	8	5	3	4	7	8	6	8	6	4	2	3	6	1	0	5
7	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	1	3	2	1	0	1	1	1
8	2	1	2	2	1	1	2	6	8	6	2	2	2	2	2	3	4	5	6	5	5	3	2	2	3
9	1	1	0	0	0	0	2	7	7	4	4	4	4	4	****	6	9	10	14	14	15	12	9	10	6
10	7	4	3	2	2	4	10	12	4	1	1	1	1	4	4	4	3	3	3	4	4	2	0	0	3
11	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	2	5	10	14	15	19	26	21	5
12	13	10	11	12	13	11	19	21	17	9	9	2	0	0	0	1	5	14	15	7	3	1	1	2	8
13	0	0	0	0	0	0	1	4	8	5	3	3	3	****	4	5	7	7	8	7	5	4	4	4	4
14	1	1	0	0	1	0	0	2	2	2	2	2	1	1	1	1	0	0	3	3	1	1	0	0	1
15	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	4	3	2	****	3	3	3	5	6	7	7	5	6	4	2	1	1	3
17	0	0	0	0	0	0	1	3	3	4	3	3	3	4	4	5	6	8	8	6	6	2	1	1	3
18	1	1	6	6	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	1	16	41	39	27	20	12	7	6	4	5	9	10	10	10	8	4	3	4	10
20	3	2	2	1	1	1	2	6	7	6	6	****	5	4	3	5	7	8	8	7	9	10	8	6	5
21	5	3	2	1	1	3	5	5	4	2	1	2	6	5	4	5	6	5	3	2	1	1	1	1	3
22	1	1	1	1	1	1	2	7	5	5	7	5	2	3	****	2	3	2	2	2	2	2	1	1	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	2	3	5	5	4	4	7	1
24	13	15	8	2	2	3	6	13	9	6	7	6	5	7	6	7	6	6	7	2	1	1	1	1	6
25	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	0	0	0	1	6	6	2	1	1	1	1	1	1	1	1	1	12	36	3	5	4
27	8	4	2	1	1	1	7	14	15	6	4	4	4	4	3	4	6	6	8	10	18	12	8	6	7
28	3	3	4	6	8	16	33	33	23	18	17	12	8	7	4	7	10	15	15	17	19	14	8	6	13
MEAN	3	3	2	2	2	2	5	9	9	6	4	3	3	3	3	3	5	5	6	6	6	6	4	4	4.3

PERCENTAGE OF OATA VALIO - 96.4 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 2.1

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	3	1	2	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
2												- OATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- OATA UNAVAILABLE -													
6												- OATA UNAVAILABLE -													
7												- OATA UNAVAILABLE -													
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	****	****	2	1	6	11	9	7	B	7	******
9	6	5	3	3	4	9	19	37	50	22	B	10	6	5	5	3	3	4	3	3	2	2	2	2	9
10	4	4	4	4	4	3	3	4	4	4	4	5	5	5	4	6	6	3	3	3	2	2	2	2	4
11	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	2	2	2	2	1
12	1	0	0	0	0	0	0	3	4	2	1	1	1	1	1	1	2	3	3	3	4	6	B	11	2
13	7	1	0	0	0	0	1	5	6	3	4	4	4	3	****	3	3	4	2	1	2	1	1	1	2
14	1	1	1	1	1	1	1	2	3	3	2	2	1	1	****	1	2	3	2	2	2	1	1	1	2
15	0	0	0	0	0	0	0	5	6	3	1	1	1	1	1	2	3	3	1	2	3	4	3	4	2
16	6	6	5	3	0	0	2	5	7	4	3	2	2	2	1	3	3	4	10	23	15	B	B	9	5
17	10	11	10	10	B	6	10	12	10	4	2	2	1	1	1	1	1	1	1	1	0	0	1	10	5
1B	7	7	2	5	4	4	8	9	3	2	1	1	1	2	1	1	1	1	1	4	2	1	0	0	3
19	0	0	0	0	1	8	14	B	1	0	0	0	0	0	0	0	1	1	12	27	31	3B	34	45	9
20	24	16	10	8	1	5	21	43	37	B	4	2	2	****	2	3	6	9	B	B	10	13	10	9	11
21	4	5	B	3	2	6	17	46	19	2	1	1	0	1	0	0	0	1	3	23	24	47	B9	91	16
22	71	69	49	34	5	2	B	16	13	5	2	1	1	0	0	0	0	0	0	5	10	5	2	0	12
23	1	1	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	3	2	0
24	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	0	2	2	9	14	14	3
25	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	3	4	4	2	2
26	1	0	0	0	0	0	2	5	3	3	2	1	2	1	1	2	2	1	1	1	1	1	1	1	1
27	0	0	0	0	0	0	1	3	2	1	1	1	1	1	1	2	3	2	2	2	2	2	2	4	1
28	3	3	2	2	3	4	B	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	2	1
29	1	1	1	1	1	1	6	17	15	11	6	6	9	8	9	****	12	6	2	2	3	3	1	1	5
30	2	0	0	0	0	0	0	0	0	0	0	0	1	3	6	4	6	B	6	22	13	7	2	3	3
31	2	3	1	1	1	1	3	5	4	5	2	2	2	2	2	3	4	4	4	4	4	1	1	0	3
MEAN	7	6	4	3	2	2	6	10	B	4	2	2	2	2	2	2	3	3	3	6	6	7	8	9	4.6

PERCENTAGE OF OATA VALIO - 75.3 PERCENTAGE OF OATA INVALID - 0.9 PERCENTAGE OF OATA UNAVAILA8LE - 23.B

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	4	4	****	****	5	B	9	3	4	2	1	1	2
3	1	1	0	0	0	0	1	3	4	****	****	1	2	****	2	3	6	5	4	3	5	5	2	2	2
4	2	1	1	1	1	1	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	2	2	0	0	0	0	2	5	5	3	2	1	2	2	****	3	3	5	4	4	0	0	0	0	2
6	0	0	0	0	0	0	1	1	2	1	1	1	1	****	1	2	2	1	2	2	1	1	1	1	1
7	1	1	0	0	0	0	1	1	1	1	1	2	2	1	2	2	2	2	3	2	2	2	2	4	1
B	5	6	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	9	13	15	19	3
10	1	0	0	0	0	0	4	9	6	4	3	4	3	2	2	3	4	3	B	14	11	B	10	11	5
11	7	2	0	0	1	2	2	3	1	1	1	1	1	****	1	1	1	1	0	0	0	0	0	0	1
12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	2	2	4	4	2	2	3	2	2	1	1	1	3	12	20	3
15	13	4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	2	2	2	2	2
16	1	1	1	1	1	1	3	7	7	4	4	4	5	4	3	5	5	6	5	4	4	3	2	4	4
17	1	0	0	0	0	1	3	9	6	4	3	2	2	2	****	2	4	3	2	4	4	3	3	4	3
18	1	1	0	0	0	1	4	9	5	2	2	2	2	2	2	3	5	4	3	3	2	2	2	3	3
19	1	0	0	0	0	1	7	10	4	3	2	2	2	2	****	3	4	5	7	9	7	6	5	4	4
20	1	0	0	1	5	9	13	20	11	11	3	2	4	5	****	3	5	4	6	13	21	19	22	36	9
21	37	38	36	35	32	26	17	6	1	1	1	1	1	1	1	1	1	1	1	5	9	3	1	2	11
22	B	16	17	12	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	8	14	11	7	4	5
23	2	2	2	2	1	3	7	B	4	4	5	2	3	****	3	3	2	3	1	4	12	14	11	18	5
24	15	11	9	4	2	3	9	8	5	3	2	2	2	1	1	1	1	1	1	1	1	1	2	3	4
25	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2
26	2	2	2	1	1	1	2	3	4	2	2	2	2	2	2	1	2	3	2	2	1	2	2	2	2
27	2	2	3	1	1	1	2	6	7	4	4	4	6	****	6	6	9	B	6	7	5	3	2	2	4
2B	2	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	2	9	B	B	13	2
29	7	3	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	2	4	7	8	3	3	2
30	2	0	0	0	0	1	3	2	1	1	1	1	0	1	1	1	2	1	2	2	3	4	7	2	2
MEAN	4	3	3	2	2	2	3	4	3	2	2	2	2	2	1	2	3	3	3	4	5	4	4	5	2.8

PERCENTAGE OF OATA VALIO - 98.2 PERCENTAGE OF OATA INVALIO - 1.8 PERCENTAGE OF OATA UNAVAILA8LE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	1	1	4	4	2	2	3	3	3	****	3	5	6	3	4	6	6	11	5	3	3
2	3	3	2	2	3	12	20	3	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	14	23	29	25	2	1	1	1	1	4
4	1	1	0	0	0	3	8	8	4	4	4	4	3	****	4	7	6	6	6	4	3	2	2	1	4
5	1	0	0	0	0	0	1	1	2	1	1	1	3	2	2	2	1	1	2	3	1	2	3	2	1
6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0
8	0	0	0	0	1	3	1	1	3	2	2	2	1	2	2	1	1	1	1	2	4	3	2	2	2
9	1	1	1	3	6	9	12	7	3	3	2	1	1	1	1	1	1	1	1	3	5	6	29	10	5
10	10	5	4	8	16	24	24	13	3	1	2	2	1	****	1	1	1	4	3	1	1	1	7	11	6
11	11	4	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
12	8	11	3	1	1	2	2	3	4	4	3	1	1	3	3	1	1	1	2	1	1	1	1	1	3
13	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	2	6	13	12	12	2
14	8	2	1	0	0	6	14	9	2	1	1	1	0	0	0	0	1	2	8	7	7	3	2	1	3
15	0	0	0	0	1	8	13	11	8	3	3	2	3	3	2	3	2	3	2	6	6	3	1	0	3
16	0	0	0	0	0	2	7	7	3	2	2	2	2	1	1	3	2	2	4	6	7	7	3	3	3
17	2	1	0	3	8	19	14	9	6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
18	0	0	2	2	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0
20	1	2	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	3	5	8	9	2
21	8	3	1	2	4	3	0	0	0	0	0	0	0	0	1	0	1	2	2	1	1	2	2	0	1
22	0	0	0	0	0	6	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	3	3	1	0	0
25	0	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
26	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	2	2	2	2	1	3	4	1
27	3	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	1	1	3	3	3	1
28	1	1	1	4	8	19	21	15	4	2	4	3	1	****	4	5	3	3	8	9	7	10	6	7	6
29	8	12	5	4	7	26	22	12	13	5	5	3	3	2	3	3	2	2	0	3	4	2	3	9	7
30	3	5	4	1	5	18	11	3	2	2	2	3	1	1	1	1	1	1	0	1	3	12	15	15	5
31	19	13	6	11	20	35	40	13	2	0	0	0	0	0	0	0	0	0	0	0	1	3	10	3	7
MEAN	3	2	1	1	3	7	7	4	2	1	1	1	1	1	1	2	2	2	2	2	2	3	4	3	2.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	0	0	0	0	1	1	1	1	1	****	0	0	1	0	0	0	0	7	12	15	2
2	18	19	8	3	1	1	1	2	2	3	2	2	1	1	1	1	1	1	1	2	4	8	11	11	4
3	4	2	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	2	7	9	3	1	2
4	2	1	2	0	0	3	5	8	3	1	1	2	1	****	1	1	1	1	1	4	6	3	1	2	2
5	2	1	1	1	1	3	10	4	2	6	4	2	2	3	3	4	3	3	4	5	5	5	2	0	3
6	0	0	0	0	0	1	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	4	1	1	1
8	1	1	1	1	1	1	3	4	3	2	2	2	2	1	1	1	1	1	2	4	4	2	2	1	2
9	2	2	4	5	4	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
11	2	1	1	1	1	2	3	3	3	2	2	2	2	2	3	4	4	3	4	4	7	9	13	4	3
12	1	1	0	0	1	5	9	6	3	2	2	2	2	****	3	3	2	3	4	4	7	6	4	2	3
13	1	1	0	0	1	5	11	8	3	2	2	2	2	****	2	2	2	2	4	4	9	17	21	19	5
14	15	15	19	19	17	15	10	6	2	1	1	1	1	1	1	1	1	1	1	1	3	2	2	1	6
15	1	1	1	1	1	4	7	6	4	3	2	2	****	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	3	4	2
17	6	3	2	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	2	2	1	1	2
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	6	15	17	6	3
19	2	1	0	0	1	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
21	1	1	1	1	1	1	1	2	1	2	3	2	2	2	2	2	2	1	1	1	1	2	2	2	2
22	2	2	1	1	1	3	6	6	5	5	4	3	3	****	4	4	4	3	3	3	2	1	1	1	3
23	1	0	0	0	0	0	0	1	2	2	3	3	4	3	3	5	4	5	4	3	3	2	2	2	2
24	2	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	3	5	7	4	1	2
25	1	0	0	0	0	4	6	2	1	0	0	0	0	****	1	1	2	3	1	3	7	8	26	33	4
26	29	20	13	11	16	19	17	4	1	1	0	0	1	1	1	0	0	1	1	0	0	1	0	0	6
27	0	0	0	0	0	0	3	4	3	3	1	1	1	2	****	3	2	3	2	2	2	3	3	2	2
28	2	1	1	1	1	2	4	3	5	3	1	1	1	****	0	1	1	1	1	1	1	1	1	1	2
29	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	3	3	2	2	2	3	4	3	2	2	1	1	1	1	1	2	1	1	2	2	3	4	5	4	2.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	1
2	3	3	3	2	2	2	1	1	1	1	1	1	1	2	1	1	1	2	2	3	3	3	1	1	2
3	1	0	0	0	1	5	10	5	2	2	****	2	2	2	2	4	3	3	3	4	4	5	5	3	3
4	1	1	0	0	2	8	9	6	3	2	2	1	2	2	3	3	2	2	2	2	2	2	2	0	2
5	1	0	0	0	1	3	8	7	3	3	****	2	2	2	3	4	3	2	3	4	5	5	3	2	3
6	1	1	1	1	2	9	13	9	4	2	2	2	2	2	3	2	3	3	4	6	6	3	5	3	4
7	2	2	2	1	2	6	7	5	4	2	1	1	1	1	1	1	0	0	0	1	2	2	6	9	2
8	7	8	7	6	4	4	2	2	1	0	0	0	0	0	0	0	0	0	0	2	4	4	2	2	2
9	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
10	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	3	2	2	3	4	1
11	3	1	1	1	2	9	13	6	2	2	2	1	1	1	1	1	2	3	3	4	4	6	11	14	4
12	15	17	15	11	9	16	14	7	3	2	2	2	****	****	1	1	1	2	3	2	3	5	8	7	7
13	8	6	5	5	5	7	8	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	3
14	11	12	9	9	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3
15	2	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	9	8	4	2	2
16	2	3	3	4	5	11	20	6	2	1	1	1	1	1	1	2	2	3	3	4	4	3	3	1	4
17	0	0	0	0	0	1	3	3	1	1	0	0	0	0	1	2	3	3	4	3	3	3	2	1	1
18	0	0	0	0	2	5	8	4	1	0	0	0	0	0	0	1	0	0	0	1	5	7	6	2	2
19	0	1	1	2	5	16	22	12	****	1	1	1	1	1	1	1	0	1	1	4	3	5	8	9	4
20	9	8	4	4	7	18	25	8	2	1	1	1	0	0	0	0	0	0	0	0	3	4	18	14	5
21	8	8	9	9	11	9	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	5	6	3
22	5	6	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	1	1
23	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1
24	1	1	1	1	1	3	3	2	2	2	2	2	2	****	1	1	1	1	1	1	2	2	2	2	2
25	1	1	1	1	1	3	4	3	2	2	2	2	1	1	1	1	1	2	2	3	3	2	3	2	2
26	2	2	2	2	2	4	6	5	4	3	5	4	3	****	4	4	4	3	3	3	3	3	3	1	3
27	1	1	1	1	1	5	9	7	4	1	2	1	1	1	1	1	1	1	1	4	1	2	3	1	2
28	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	3	4	2
29	4	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	8	7	5	2
30	2	2	1	1	1	5	6	3	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
31	1	1	1	1	1	2	4	5	4	2	2	2	1	****	1	2	5	7	10	8	6	7	7	5	4
MEAN	3	3	3	2	3	5	7	4	2	1	1	1	1	1	1	1	1	1	2	2	3	3	4	4	2.6

PERCENTAGE OF OATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	4	4	4	4	6	5	4	4	3	2	2	2	2	2	2	2	2	3	3	3	4	4	3
2	5	5	5	5	5	5	5	6	6	6	6	7	6	6	5	4	4	3	3	5	5	5	8	7	5
3	7	7	7	6	9	15	13	6	3	3	****	3	3	3	3	2	1	1	1	5	9	5	5	8	5
4	6	4	3	4	4	4	4	4	4	3	2	2	2	3	2	2	2	2	2	3	5	5	5	6	3
5	7	5	3	2	3	3	4	4	3	3	2	2	3	2	3	2	2	2	2	3	4	4	3	2	3
6	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	1	1	1	1	1	3	3	8	7	2
7	3	0	1	1	2	2	5	5	3	3	3	3	3	****	2	2	2	2	3	4	4	3	2	1	3
8	1	1	1	1	1	4	10	10	8	4	3	3	2	2	2	2	4	4	3	3	5	4	5	3	4
9	2	1	1	1	1	1	3	2	1	0	0	0	****	0	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	2	5	3	****	1	1	1	2	2	2	3	3	3	3	2	2	2
11	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	3	3	3	2	1	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	8	13	13	2
13	12	14	10	6	9	14	15	15	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
14	0	0	0	0	0	1	5	5	2	1	1	1	1	1	****	2	2	2	1	1	1	1	0	0	1
15	0	0	0	0	0	1	3	4	4	3	3	2	2	2	2	3	4	3	3	4	4	4	4	4	2
16	3	1	0	0	1	6	16	8	1	0	1	1	0	****	1	2	2	2	0	1	8	9	14	10	4
17	5	2	3	4	6	16	22	23	11	7	3	3	2	1	1	1	2	2	3	4	3	1	2	3	5
18	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	4	4	5	5	9	12	15	3
19	16	13	6	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	3	5	8	5	3	3
20	1	0	0	0	0	6	10	8	3	1	1	1	0	1	2	2	1	0	0	0	2	10	15	12	3
21	11	11	11	9	9	13	15	11	4	2	1	1	1	0	0	0	0	2	4	8	18	25	11	4	7
22	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	******
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27												- OATA UNAVAILABLE -													
28												- OATA UNAVAILABLE -													
29												- OATA UNAVAILABLE -													
30												- OATA UNAVAILABLE -													
31												- OATA INVALIO -													
MEAN	4	3	3	2	3	4	6	5	3	2	2	1	1	1	1	1	2	2	2	3	4	5	6	5	3.0

PERCENTAGE OF OATA VALIO - 71.4 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 27.7

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- OATA INVALID -													
3												- OATA INVALID -													
4												- DATA INVALID -													
5												- OATA INVALID -													
6	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	7	9	7	7	6	5	5	6	3	******
7	2	1	1	1	2	7	10	8	4	2	2	4	5	9	14	11	12	12	14	11	9	7	8	5	7
8	3	1	0	0	0	1	3	3	2	2	2	3	4	2	3	3	5	6	9	16	12	7	6	9	4
9	9	14	8	6	4	5	8	10	3	2	4	3	3	4	2	2	3	3	5	5	5	6	5	7	5
10	9	6	5	7	6	10	15	13	7	5	6	7	10	15	6	9	10	7	4	5	4	4	9	5	8
11	2	2	2	5	6	14	25	14	5	2	2	4	4	4	3	-	6	7	10	15	11	18	24	15	9
12	9	5	3	1	1	1	2	2	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	2	2
13	3	2	1	1	1	2	7	4	5	4	3	3	3	3	4	5	5	6	8	6	4	3	3	3	4
14	1	1	1	1	1	1	2	10	9	8	6	7	4	6	7	7	7	7	8	9	8	5	5	4	5
15	4	3	3	2	2	4	6	6	4	4	4	4	5	5	4	4	4	5	7	7	7	8	12	11	5
16	12	10	5	4	3	3	6	6	5	5	4	5	4	3	3	3	3	6	11	11	9	11	9	6	6
17	4	3	2	3	5	13	23	20	16	13	9	6	5	5	4	5	5	5	8	9	6	5	6	5	8
18	3	1	2	3	3	5	11	12	10	8	6	5	5	4	4	5	4	4	5	****	4	3	3	2	5
19	1	1	0	0	1	6	15	12	7	5	5	5	5	4	6	6	9	****	11	9	10	13	16	19	7
20	17	16	20	18	19	30	46	54	22	****	7	5	4	3	4	5	6	7	8	8	7	7	10	10	14
21	7	4	3	3	3	8	14	20	11	11	8	7	7	8	10	12	9	9	13	16	****	8	8	6	9
22	6	4	3	3	2	4	4	3	2	2	2	2	3	4	5	4	6	7	8	8	7	6	3	2	4
23	3	4	3	3	3	4	5	3	1	1	0	0	0	1	1	1	1	1	6	6	17	37	40	38	7
24	25	19	18	14	12	19	31	19	5	2	1	1	1	1	1	2	1	2	2	3	3	3	9	12	9
25	23	26	19	23	12	17	29	33	21	12	9	10	****	****	1	1	2	2	4	5	4	6	11	9	13
26	5	0	0	0	0	3	16	18	10	5	4	2	2	1	1	1	2	3	3	10	16	20	28	29	7
27	22	21	18	18	14	19	38	25	12	8	4	2	1	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	****	****	****	****	****	****	****	****	****	****	****	2	3	1	0	0	1	0	0	1	2	******
29	6	1	0	0	1	2	5	8	4	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1
30	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	1	7	3	1	0	1
MEAN	8	6	5	5	4	8	14	13	7	5	4	4	4	4	4	4	5	5	6	7	7	8	9	9	6.4

PERCENTAGE OF DATA VALID - 76.8 PERCENTAGE OF OATA INVALID - 23.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATE5 INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	2	7	11	7	****	1	0	0	0	0	0	0	0	1	5	6	5	4	3	2
2	0	0	0	0	0	1	3	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	1	3	2	3	5	8	9	8	4	3	0	1	2	4	1	2
4	0	0	0	0	0	2	13	16	6	2	0	1	2	1	0	7	12	6	5	7	11	13	12	11	5
5	18	9	2	2	2	3	9	14	11	10	8	6	7	8	10	11	16	17	8	5	2	1	1	1	8
6	0	0	0	0	0	0	0	2	2	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
8	0	-	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	0	1	0	0	0	0	****	0
9	0	0	****	0	0	0	1	6	3	3	-	****	3	****	4	5	6	7	12	12	10	9	13	15	5
10	15	10	-	4	2	****	21	30	5	0	0	0	0	0	0	0	0	1	9	4	4	0	1	4	5
11	6	5	3	4	5	12	25	27	15	9	3	1	0	0	****	0	0	0	0	2	12	6	0	0	6
12	0	0	0	0	0	0	2	9	7	5	****	****	****	****	3	6	10	11	14	10	3	4	3	2	4
13	1	0	0	0	0	0	2	2	3	3	5	4	5	6	5	4	5	6	6	6	4	2	5	6	3
14	5	4	5	1	0	1	2	2	2	1	1	2	3	2	2	2	2	2	4	4	3	4	3	1	2
15	0	0	0	0	0	2	8	-	8	****	10	11	7	4	1	3	3	2	3	2	3	1	2	0	3
16	0	0	0	****	****	0	2	3	1	0	0	-	****	0	0	0	0	0	0	0	0	6	5	3	1
17	2	1	3	5	6	10	10	-	-	8	9	10	21	36	41	44	40	40	38	40	49	50	45	36	25
18	31	2	0	0	0	9	15	8	0	0	0	0	0	0	0	0	0	0	1	5	4	11	10	4	4
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	4	1	0	0	0	0	0	0
20	0	0	0	0	0	1	2	3	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	3	0
22	0	0	0	0	0	1	5	10	4	2	0	0	0	****	0	0	1	1	0	0	6	8	0	0	2
23	0	0	0	0	0	0	1	1	1	1	2	3	3	2	2	3	4	4	2	5	3	2	1	0	2
24	0	0	0	0	0	0	2	3	2	2	2	4	3	2	3	3	5	3	2	0	2	-	1	0	2
25	0	0	0	0	0	4	5	10	3	2	1	1	2	1	3	7	7	5	4	3	3	2	2	0	3
26	0	0	0	0	0	1	9	10	6	3	5	4	2	-	2	5	6	3	2	2	2	1	2	1	3
27	1	1	0	-	-	0	2	1	0	-	0	-	0	0	-	-	-	-	-	-	-	-	-	-	******
28	-	-	-	-	-	-	-	1	2	1	0	1	0	1	1	2	2	1	2	1	1	1	0	0	1
29	0	****	****	****	****	****	3	13	13	9	8	7	7	5	5	9	8	3	3	2	2	1	0	0	5
30	****	****	0	****	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	0	******
31	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
MEAN	3	1	1	1	1	2	5	6	4	3	2	2	3	3	3	4	5	4	4	4	5	5	4	3	3.2

PERCENTAGE OF OATA VALIO - 89.9 PERCENTAGE OF DATA INVALID - 5.8 PERCENTAGE OF DATA UNAVAILABLE - 4.3

NOTES 1. "****" INOICATES INVALID OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA I5 UNAVAILABLE

3. "******" INOICATES LES5 THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	0	0	0	****	0	0	1	0	0	****	****	0	0	0	0	0	15	39	22	2	0	1	1	4
2	0	0	0	0	0	0	2	8	12	7	3	2	2	2	3	5	7	11	14	15	14	8	4	5	5
3	6	8	10	10	9	8	10	16	14	10	4	4	4	3	2	3	4	6	2	5	6	4	3	-	7
4	3	4	2	1	0	0	0	1	0	0	0	0	1	1	1	1	3	5	7	13	21	18	11	14	4
5	18	18	28	23	22	27	25	28	18	1	1	1	0	0	0	0	0	0	0	0	0	1	13	25	10
6	27	24	22	19	18	12	10	11	13	12	6	4	5	5	4	3	7	3	5	10	10	13	15	11	11
7	6	2	0	0	0	0	1	7	10	6	4	2	2	3	4	5	6	6	6	4	3	2	0	2	3
8	4	3	1	0	0	-	****	4	3	1	2	2	3	5	4	4	5	7	7	12	7	8	9	10	5
9	10	11	12	8	11	20	41	52	62	31	7	****	2	0	****	****	2	4	3	-	0	****	0	0	15
10	4	11	****	****	****	****	1	2	3	****	6	2	3	****	****	****	****	****	****	****	****	****	****	****	******
11	****	****	-	2	0	2	****	0	0	0	****	****	-	3	3	****	2	****	****	4	****	11	8	12	******
12	8	2	0	-	0	0	****	****	8	3	0	****	1	3	1	2	****	****	****	30	****	****	29	****	******
13	****	****	4	0	****	****	****	10	16	****	****	****	2	2	4	7	12	22	31	18	14	10	5	6	10
14	4	1	1	0	0	0	6	16	17	13	8	5	6	4	2	7	13	12	11	10	5	6	12	13	7
15	11	7	9	7	3	3	6	13	10	7	6	2	2	3	****	8	11	13	13	13	8	5	2	1	7
16	0	0	****	****	****	****	3	14	15	6	3	3	3	****	3	3	5	6	5	5	2	2	1	2	4
17	1	0	0	0	0	0	0	1	2	3	4	4	3	4	4	4	5	10	11	16	24	30	37	56	9
18	49	54	69	37	27	18	12	9	15	3	0	0	0	0	0	0	0	0	0	****	****	****	****	0	15
19	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	1	0	0	0	0	1	18	18	16	9	4	2	1	0	2	2	5	7	4	7	4	3	1	2	4
21	0	0	0	0	****	0	0	2	1	****	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0
22	0	0	0	0	0	2	8	14	17	5	4	5	9	5	5	4	4	4	3	1	1	1	1	2	4
23	-	0	0	0	0	0	0	1	0	0	2	4	3	2	4	8	5	10	24	17	11	11	18	18	6
24	20	27	24	8	0	0	0	1	1	1	2	3	3	3	3	4	9	16	14	14	12	****	10	14	8
25	15	21	26	25	18	11	11	7	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
26	0	0	0	0	0	0	0	1	0	0	0	0	2	1	1	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	2	4	3	2	1	0	1	****	2	7	7	7	6	10	6	3	4	3
28	3	1	****	****	****	****	3	5	3	1	0	0	1	0	0	****	3	2	1	1	1	1	1	1	1
29	0	0	0	****	****	****	1	7	10	5	2	2	2	2	2	2	-	****	3	3	2	1	1	0	2
30	0	0	0	****	****	****	0	2	3	2	1	1	1	1	1	2	4	5	4	4	3	4	4	4	2
MEAN	7	7	8	6	5	5	6	9	9	5	3	2	2	2	2	3	4	7	8	9	6	6	7	8	5.7

PERCENTAGE OF OATA VALIO - 87.2 PERCENTAGE OF OATA INVALIO - 11.5 PERCENTAGE OF OATA UNAVAILABLE - 1.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEOY SCARBOROUGH MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	1	1	0	0	2	5	3	1	2	2	2	1	2	****	0	0	1	1	0	0	0	0	1
2	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	2	4	7	11	8	6	9	13	14	3
3	5	2	1	0	0	0	3	7	8	5	4	2	2	4	2	1	****	2	2	3	3	1	0	0	2
4	0	0	0	0	0	0	2	7	8	8	5	4	2	1	2	3	8	6	4	4	3	4	4	3	3
5	2	2	0	0	0	0	0	3	7	3	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	2	11	16	11	5	5	7	10	9	9	8	11	9	6	5	6	4	5	6
7	3	2	1	1	0	0	4	12	13	4	1	2	2	1	****	4	6	6	4	3	3	4	2	2	3
8	2	1	0	0	0	0	0	0	0	1	3	2	3	3	3	3	4	4	****	4	2	1	1	2	2
9	3	3	2	1	0	0	0	0	1	2	1	2	2	1	1	4	4	3	2	3	4	4	2	2	2
10	1	1	1	0	1	3	11	25	17	7	****	0	0	0	0	0	0	0	0	0	0	2	4	2	3
11	1	0	0	0	0	0	1	4	5	3	5	5	4	3	2	2	3	3	7	11	4	3	3	2	3
12	1	0	0	0	0	0	1	6	8	5	4	4	3	2	4	4	8	7	5	5	4	2	1	0	3
13	0	0	0	0	0	0	0	1	2	1	0	0	0	1	1	1	1	3	5	9	15	25	11	2	3
14	1	0	0	0	0	1	4	8	12	8	3	2	2	****	3	4	6	6	5	6	7	4	3	3	4
15	6	6	5	5	3	7	4	5	2	2	2	3	3	2	2	2	3	4	4	5	5	4	5	4	4
16	3	3	3	3	3	2	2	3	2	2	3	4	4	6	8	4	3	1	1	0	0	0	0	0	3
17	0	0	0	0	0	0	3	11	22	13	11	****	****	3	2	4	4	6	3	3	2	1	1	0	4
18	0	0	0	0	0	0	1	4	4	2	5	5	****	6	4	2	3	2	3	3	2	1	2	2	2
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
20	0	0	0	0	0	0	0	2	2	2	2	3	4	4	3	1	4	11	12	17	28	41	29	9	7
21	4	1	0	0	0	1	2	6	7	4	4	0	0	0	0	0	0	0	2	4	3	4	4	2	2
22	1	0	0	0	0	0	0	1	2	3	4	6	7	7	8	10	12	9	11	10	9	5	4	3	5
23	1	1	1	1	0	0	1	0	0	1	2	2	4	7	8	10	8	5	7	7	11	11	12	17	5
24	22	27	27	19	10	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
26	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	1	1	1	1	1	2	3	1
27	1	0	0	0	0	0	0	4	4	3	3	3	2	2	3	4	6	6	4	4	3	3	2	2	2
28	0	0	0	0	0	0	0	2	3	4	2	1	1	1	2	4	6	6	4	7	9	9	10	8	3
29	3	2	2	1	0	1	1	2	3	3	2	2	2	3	2	3	4	4	4	4	4	3	2	1	2
30	1	1	1	0	0	0	1	0	0	0	0	2	1	1	2	3	4	5	5	7	9	3	2	7	2
31	5	5	8	8	6	16	19	23	27	23	11	5	8	7	8	8	11	20	23	23	25	28	31	-	15
MEAN	2	2	2	1	1	1	2	5	6	4	3	2	2	3	3	3	4	4	5	5	5	6	5	3	3.3

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	14	5.8	17	45
FEB	27	4.3	13	41
MAR	23	4.6	16	91
APR	30	2.8	11	38
MAY	31	2.5	7	40
JUN	30	2.3	6	33
JUL	31	2.6	7	25
AUG	22	3.0	7	25
SEP	22	6.4	14	54
OCT	29	3.2	25	50
NOV	27	5.7	15	69
DEC	31	3.3	15	41
YEAR	317	3.7	25	91

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 33003 LAWRENCE/KENNEDY SCARBOROUGH

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	217	80	32	10	3	1	0	343
FEB	464	119	52	6	6	1	0	648
MAR	449	66	21	8	6	6	4	560
APR	619	51	28	3	6	0	0	707
MAY	642	53	33	9	2	0	0	739
JUN	650	31	24	3	1	0	0	709
JUL	650	63	20	2	0	0	0	735
AUG	452	49	27	3	0	0	0	531
SEP	328	131	70	16	6	1	1	553
OCT	554	69	29	5	7	5	0	669
NOV	432	82	78	24	5	2	5	628
OEC	605	79	33	15	1	1	0	734
YEAR	6062	873	447	104	43	17	10	7556

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
86.3	0	0.0	0.3	1.3	3.2	8.8	13.3	21.7	29.1	91	3.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	1	1	2	2	2	1	1	1	0	0	1	2	2	1	1	1	1	1	1	1	1	1
2	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	2	4	4	2	0	0	0	0	1
3	0	0	0	0	0	1	1	1	2	2	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1
4	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	1	1	3	3	****	1	1	1	1	1	2	1	2	2	2	4	3	3	1
6	3	4	5	5	3	2	2	4	3	4	3	2	3	3	3	2	1	2	6	6	3	3	1	1	3
7	1	1	1	1	1	1	3	3	6	5	6	2	3	3	4	6	7	4	3	2	1	1	1	1	3
8	1	1	1	0	1	2	7	17	12	6	4	2	1	1	****	1	1	1	1	1	2	1	1	1	3
9	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	3	2	2	2	3	4	3	2
10	3	2	2	2	1	1	2	3	6	5	2	2	1	2	1	1	2	2	5	4	6	4	2	1	3
11	1	1	1	1	2	3	6	16	31	42	18	5	3	2	1	1	2	3	10	21	20	21	27	34	11
12	34	29	25	21	17	14	16	16	12	11	1	2	2	1	1	1	1	2	12	16	19	26	35	35	15
13	26	10	4	3	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	1	3
14	1	1	3	3	2	2	2	2	2	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1
15	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	4	7	5	4	****	****	1	1	1	1	2	6	11	18	24	26	24	6
17	26	29	25	23	13	2	1	1	1	1	1	1	2	2	6	7	6	12	16	14	2	1	1	1	8
18	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	1	2	1	2	2	3	1
19	3	5	3	2	2	2	7	17	23	9	4	6	6	9	1	1	2	5	6	5	3	3	2	2	5
20	2	2	1	1	1	1	1	2	3	2	2	2	2	2	3	4	2	3	4	6	5	3	1	2	2
21	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	2	3	2	1	1	1	0	0	0	0	1	1	0	0	1	1	2	1
23	1	1	1	1	1	0	1	2	4	3	****	1	1	1	2	1	2	2	3	3	1	1	1	1	2
24	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
25	0	0	0	1	1	1	1	3	3	3	2	3	2	2	1	1	2	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	2	1	****	1	1	1	1	1	1	2	1	1	1	1	1	1
27	1	1	1	1	1	1	1	3	5	4	2	2	2	3	2	2	2	4	5	8	10	7	4	5	3
28	7	8	3	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	1
30	1	1	1	1	1	1	1	1	1	1	1	****	0	1	0	0	0	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
MEAN	4	3	3	2	2	1	2	4	5	4	2	2	1	2	1	1	1	2	3	4	3	4	4	4	2.7

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	0	0	0	1	1	1	1
2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	1	3	5	5	2	
3	16	16	12	12	12	13	16	20	24	26	12	9	4	4	4	2	2	1	1	2	2	7	10	9	10
4	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
5	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	0	1
6	1	1	0	0	1	1	5	17	27	19	9	4	3	8	4	****	2	1	1	1	2	2	3	3	5
7	6	1	1	1	1	2	4	6	4	3	2	1	1	1	1	1	1	1	2	3	1	1	2	2	2
8	1	1	1	1	1	1	1	2	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	2	2	2	2	2	2	****	1	1	1	3	9	15	16	8	3	2	3
10	3	2	2	1	2	2	2	8	15	5	4	2	2	1	1	1	1	0	0	0	0	0	0	1	2
11	1	1	1	0	0	0	0	1	1	1	2	1	2	2	3	3	4	6	12	15	16	19	21	27	6
12	26	24	23	22	23	23	24	32	29	17	11	7	4	2	2	3	3	4	6	2	1	1	1	1	12
13	1	1	1	1	1	1	1	3	2	2	2	****	2	1	1	1	1	1	2	5	0	0	1	1	1
14	3	0	0	0	0	0	1	3	3	4	4	5	4	3	3	3	2	1	2	5	2	2	1	1	2
15	0	0	0	0	0	0	1	3	4	3	2	1	2	1	1	1	1	1	1	1	1	1	0	0	1
16	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	3	2	2	1
18	5	8	7	4	4	6	6	3	2	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	3
19	0	0	0	0	0	0	5	12	18	13	10	5	3	1	1	1	2	1	1	2	2	1	0	0	3
20	1	0	0	0	0	0	0	2	3	3	4	****	6	3	2	2	2	3	3	1	3	2	9	9	3
21	3	2	2	1	1	2	7	11	10	6	4	5	3	3	2	2	2	1	1	1	1	1	1	1	3
22	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1	1	3	4	2	1	1	1	1
23	1	0	0	0	0	0	0	1	1	1	3	4	4	4	****	6	10	7	5	4	5	3	2	6	3
24	7	10	7	1	2	2	4	6	7	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	3	4	2	2	****	1	2	2	2	3	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1	1	1	1	0	0	1	5	4	3	2
28	3	3	5	3	4	5	9	25	24	14	11	5	8	7	5	3	4	8	13	13	19	28	27	19	11
MEAN	3	3	3	2	2	2	3	6	7	5	3	2	2	2	2	2	2	2	3	3	3	3	4	4	3.0

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	1	2	2	6	2
2	3	1	1	1	1	1	1	2	4	2	1	3	3	7	4	4	3	4	6	5	4	3	3	3	3
3	1	1	1	1	2	1	1	1	2	2	2	2	2	6	2	1	1	1	2	2	2	1	2	3	2
4	2	1	1	1	1	1	1	1	1	1	1	2	1	2	5	3	3	4	4	8	13	14	18	19	5
5	20	7	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2
6	6	1	1	1	1	1	3	9	5	5	4	2	1	2	2	2	2	1	1	1	1	1	1	1	2
7	1	1	1	1	1	2	5	16	24	4	1	1	1	1	****	1	1	1	2	6	13	14	14	17	6
8	19	18	18	16	11	9	11	20	12	4	1	1	0	0	0	0	1	1	1	1	1	1	1	2	6
9	11	9	8	8	8	8	13	25	32	23	7	4	2	1	0	1	1	3	2	1	1	1	2	2	7
10	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	1	1	0	0	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
12	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1	2	5	1
13	7	4	1	1	1	1	1	3	2	2	2	3	2	3	3	3	2	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	2	1	1	1	1	1	****	1	1	1	1	1	1	1	1	2	1
16	4	3	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	3	4	5	3	2	2	2
17	4	3	6	9	9	9	11	14	8	4	4	4	1	1	1	1	1	5	3	2	2	2	9	11	5
18	14	14	12	10	11	9	8	7	6	3	2	2	2	2	1	1	1	1	1	3	4	1	1	1	5
19	1	1	1	1	2	2	6	12	3	1	1	1	2	1	1	2	2	2	3	8	15	18	24	25	6
20	28	29	30	27	23	21	21	26	20	8	8	3	1	2	4	4	8	4	4	13	14	17	20	22	15
21	25	23	21	18	16	15	16	21	25	9	3	2	0	1	2	3	3	3	3	11	17	19	26	33	13
22	40	46	49	51	49	45	36	28	14	14	10	7	4	3	6	4	4	3	3	11	14	14	6	16	20
23	15	13	9	4	2	2	3	5	4	3	3	3	2	2	3	3	4	6	3	3	3	3	3	3	4
24	2	2	2	2	2	2	2	3	2	2	2	2	3	5	9	4	1	1	2	5	6	7	7	15	4
25	3	2	2	2	2	2	2	2	2	1	1	0	0	0	0	0	0	1	2	1	1	2	3	2	1
26	1	1	1	1	1	1	1	2	2	2	2	****	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
28	1	1	1	1	2	2	2	4	6	1	0	0	1	1	1	1	1	0	0	1	2	1	2	1	1
29	1	1	1	1	1	1	4	10	17	6	2	4	2	1	1	1	1	3	3	6	10	14	15	3	5
30	2	2	1	1	1	0	1	2	4	4	3	6	8	10	7	4	4	9	3	4	13	7	4	3	4
31	3	2	1	2	5	1	2	2	3	2	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1
MEAN	7	6	6	5	5	5	5	7	7	4	2	2	1	2	2	2	2	2	2	3	5	5	6	7	4.1

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RO. NORTH YORK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1
2	0	0	0	0	0	0	1	2	3	4	5	3	****	3	1	1	3	5	4	1	2	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	2	1	1	2	5	1
4	8	5	5	3	4	4	7	8	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
5	2	2	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	3	4	4	4	4	2	1	1	1	1	****	0	0	2	1	1	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	1	1	1	****	****	1	1	1	2	2	2	1	2	5	9	10	14	2
10	7	1	1	1	1	1	1	2	2	1	1	0	1	1	1	1	1	1	1	6	11	6	9	10	3
11	11	10	10	8	8	7	9	6	3	1	1	1	1	1	0	1	1	1	2	2	1	1	1	1	4
12	1	2	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	2	2	2	2	1	1
14	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	8	8	2
15	9	4	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	2	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	2	1
18	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	3	3	2	1	1	****	1	1	1	1	1	1	1	1	2	2	2	2	1
20	1	1	1	1	1	2	5	10	16	7	4	3	2	1	1	2	3	2	2	7	11	17	18	23	6
21	27	30	35	38	40	41	43	25	4	1	1	1	1	1	4	3	1	1	2	3	5	6	5	4	13
22	5	7	11	9	5	3	2	2	2	1	1	1	1	1	1	1	2	2	2	2	7	8	9	12	4
23	10	8	7	7	7	8	12	13	8	5	2	****	1	1	1	1	1	1	1	3	9	12	13	16	6
24	20	22	23	24	23	19	19	14	15	4	2	1	1	1	1	1	1	1	1	2	2	2	2	4	9
25	5	5	3	2	2	2	2	4	2	2	2	2	1	1	1	1	1	1	2	2	2	2	2	2	2
26	2	7	4	4	2	2	3	3	2	1	1	****	0	0	0	1	2	2	2	1	1	1	1	1	2
27	1	1	2	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	0	0	0	2	4	5	8	6	1
29	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	1	1	1
30	0	0	0	0	0	5	7	1	1	2	****	2	3	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	4	4	4	4	4	4	4	4	3	2	1	1	1	1	1	1	1	1	1	2	3	3	4	4	2.4

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	1	3	7	9	7	2
2	7	6	5	5	6	9	12	14	4	2	3	1	0	0	0	1	4	1	1	2	1	3	1	1	4
3	1	1	1	1	1	1	2	1	1	1	****	1	1	2	4	9	16	18	12	5	2	1	1	1	4
4	1	1	1	1	1	1	2	1	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	****	****	0	0	0	0	0	1	1	1	1	1	1	1	1
8	1	1	1	1	1	3	9	10	8	3	2	2	2	2	2	2	2	2	3	3	9	6	4	3	3
9	3	3	4	6	4	5	11	9	4	3	2	2	3	3	3	3	3	3	3	3	3	2	2	4	4
10	6	6	5	5	6	8	12	19	5	3	1	1	1	2	2	2	1	1	2	5	1	1	4	7	4
11	11	2	1	2	0	1	5	7	3	1	1	1	1	1	1	2	3	0	1	1	1	1	1	2	2
12	5	2	3	6	3	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
13	****	****	****	****	****	****	0	0	0	0	0	0	0	1	1	0	1	1	1	1	5	8	11	13	2
14	9	8	5	2	2	1	4	4	2	1	****	0	0	0	0	0	0	0	0	0	4	5	7	6	3
15	2	0	0	0	0	1	2	2	2	1	2	1	1	1	2	1	1	1	1	3	3	1	1	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	11	10	2
17	10	9	8	8	8	12	16	10	****	1	0	0	0	0	0	0	0	0	2	1	1	3	7	2	4
18	2	2	2	3	5	7	13	7	3	5	4	1	1	1	0	0	1	3	1	0	0	4	6	6	3
19	7	5	6	4	4	4	3	2	3	2	3	1	1	1	1	1	1	1	1	1	1	1	3	5	3
20	6	5	2	1	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	4	6	6	2
21	7	8	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
22	0	0	0	0	0	2	3	3	****	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1
23	0	0	0	0	0	1	2	6	2	1	0	0	1	0	1	1	1	0	0	0	0	0	0	1	1
24	1	0	0	0	0	0	2	1	1	1	1	1	0	0	0	0	0	1	1	0	2	6	3	0	1
25	0	0	0	0	0	0	1	3	****	1	2	1	1	1	1	1	1	1	1	1	0	0	1	0	1
26	0	0	0	0	0	0	0	1	2	2	2	3	2	1	0	0	1	1	1	1	0	1	0	1	1
27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	1	0
28	0	0	0	0	2	6	9	5	2	1	0	0	1	1	1	1	1	1	1	1	1	4	3	4	2
29	4	5	7	7	4	7	13	12	9	10	5	3	3	2	2	1	0	0	0	0	1	3	3	5	4
30	7	6	4	2	2	4	6	7	5	3	1	1	0	0	0	0	0	0	0	0	2	6	6	8	3
31	9	10	13	15	17	21	27	23	****	1	1	0	0	0	0	1	1	0	2	1	3	8	9	10	7
MEAN	3	3	2	2	2	3	5	5	2	2	1	1	1	1	1	1	1	1	1	1	2	3	3	3	2.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - D.0

NDTES 1. "****" INDICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 5C CTR 770 DON MILLS RD. NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	10	10	11	11	10	10	3	1	0	0	0	0	0	0	0	0	0	1	2	3	6	8	7	9	4
2	11	13	15	15	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	5	3
3	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	5	1
4	5	5	5	6	6	5	7	5	3	****	****	1	0	0	0	0	0	0	0	0	1	1	0	0	2
5	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0
6	0	0	0	0	0	1	2	1	0	0	****	****	1	0	0	0	0	1	0	1	0	0	1	1	0
7	2	1	2	2	1	2	2	3	2	1	1	0	0	****	****	1	1	1	1	1	1	3	6	3	2
8	2	2	2	2	2	2	4	2	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	5	2
9	2	2	3	3	3	4	6	5	3	2	1	0	0	0	0	0	0	1	1	1	2	2	2	2	2
10	2	2	3	3	2	2	2	1	1	1	1	0	0	0	0	0	0	1	1	1	2	2	2	2	1
11	2	2	2	2	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	3	8	9	10	2
12	7	6	4	3	2	1	2	1	1	0	0	0	0	0	0	0	1	1	1	1	2	8	8	5	2
13	6	6	4	3	3	3	6	5	2	0	0	0	0	0	0	0	0	0	1	1	4	9	10	12	3
14	16	19	22	23	24	26	30	16	3	1	1	1	0	0	0	0	0	0	1	1	1	1	2	2	8
15	1	1	1	1	1	1	6	5	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1
16	2	2	2	2	2	2	2	2	1	1	1	1	1	0	0	0	0	1	1	2	2	2	****	3	1
17	5	7	5	5	5	5	4	2	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2
18	2	2	2	2	2	2	2	1	1	1	****	0	0	0	0	1	1	2	3	3	3	8	11	12	3
19	10	9	8	7	6	8	11	5	1	0	1	0	0	0	0	0	0	0	1	1	2	5	9	9	4
20	10	11	11	11	13	13	10	4	1	1	1	1	0	1	1	1	0	0	0	1	2	2	5	5	4
21	2	2	2	2	2	2	4	6	3	1	0	0	0	0	0	0	0	0	1	1	2	4	2	1	2
22	1	1	1	2	1	2	2	5	3	****	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1
23	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
24	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	4	1
25	3	2	2	2	2	2	6	5	2	0	0	0	0	0	0	0	0	0	0	1	2	8	10	11	2
26	15	18	20	22	23	25	26	21	5	2	0	0	0	0	0	0	0	0	0	1	4	4	7	4	8
27	2	2	2	2	2	1	1	1	3	5	2	1	0	1	1	1	1	1	1	1	1	1	1	2	2
28	4	3	2	2	2	2	3	4	3	1	1	2	1	1	1	1	1	1	1	2	3	2	2	5	2
29	5	5	5	5	4	3	4	5	3	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	3
30	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	2
MEAN	4	5	5	5	4	4	5	4	2	1	1	0	0	D	0	0	0	1	1	1	2	3	4	4	2.4

PERCENTAGE OF DATA VALIO - 98.8 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
2	3	3	4	4	4	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2
3	2	2	2	2	2	2	3	3	1	1	1	0	****	0	0	0	0	0	0	0	1	2	6	6	2
4	5	5	5	5	5	7	10	12	5	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3
5	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	5	4	2	1
6	2	3	3	2	2	4	12	10	4	0	0	0	0	0	0	0	0	0	0	0	1	3	7	8	3
7	7	8	8	8	8	8	8	8	4	2	1	0	0	0	0	0	0	0	0	0	0	1	1	6	3
8	9	10	10	11	10	10	8	3	1	1	1	1	0	0	0	0	0	0	0	0	2	5	6	5	4
9	5	6	7	9	10	13	18	7	1	1	1	0	0	0	0	0	0	0	0	1	2	3	4	4	4
10	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	3	1
11	2	2	2	2	2	2	5	4	2	1	1	1	1	0	0	0	1	1	1	1	1	1	3	5	2
12	6	7	8	9	10	12	14	10	6	****	2	2	1	1	0	0	0	0	0	0	1	1	3	4	4
13	5	6	6	6	8	10	12	10	5	3	2	1	1	1	0	0	0	0	0	0	2	3	5	6	4
14	10	12	14	13	13	12	9	3	2	2	1	1	0	0	0	0	0	0	0	1	1	1	1	1	4
15	1	2	3	4	4	2	1	1	1	1	0	0	0	0	1	1	1	1	1	1	4	6	5	6	2
16	6	6	6	6	6	8	9	8	3	2	****	1	0	0	0	1	1	0	0	0	1	1	1	1	3
17	1	1	1	1	1	2	4	4	2	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1
18	1	1	1	1	1	1	3	7	3	1	0	0	0	0	0	0	0	0	0	0	2	4	7	8	2
19	8	6	5	5	6	7	11	15	9	4	3	2	1	1	0	0	0	0	0	0	1	2	3	5	4
20	9	10	10	9	8	9	13	11	6	5	3	****	1	0	0	0	0	0	0	0	1	4	5	6	5
21	10	11	11	10	11	12	12	10	4	2	1	1	0	0	0	0	0	0	0	0	0	2	3	5	4
22	7	8	7	8	7	7	6	2	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	3	3
23	5	5	5	5	4	4	8	12	9	4	2	1	1	0	0	0	0	0	0	1	1	1	1	1	3
24	2	2	2	2	2	3	3	1	1	3	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
25	1	1	2	2	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
26	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
27	1	1	1	1	1	1	4	2	4	1	1	1	0	0	0	1	0	0	0	0	0	2	5	6	1
28	6	7	7	6	6	6	6	3	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2
29	2	2	2	3	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	7	1
30	9	10	9	9	8	8	11	14	4	2	2	1	1	2	****	2	1	1	1	1	1	1	1	1	4
31	1	1	1	1	1	2	2	4	5	3	2	2	2	2	2	2	2	2	2	3	2	2	3	3	2
MEAN	4	5	5	5	5	5	7	6	3	2	1	1	1	0	0	0	0	0	0	0	1	2	3	4	2.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	2	2	2	2	2	3	3	2	1	****	1	1	****	****	****	****	****	****	****	****	****	****	****	******
2												-	DATA INVALID	-											
3												-	DATA INVALID	-											
4												-	DATA INVALID	-											
5	11	8	4	3	3	3	3	2	2	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
6												-	DATA INVALID	-											
7	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	1	1	1	******
8	1	1	1	1	1	1	3	8	8	4	3	2	1	1	1	1	1	1	0	0	1	1	1	3	2
9	5	5	3	3	3	4	6	3	1	1	1	1	0	****	1	1	1	1	1	2	2	1	2	2	2
10	1	1	1	1	1	1	1	2	3	3	3	1	1	0	0	0	0	0	0	0	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1
12	1	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	4	5	7	9	1
13	11	14	16	17	17	17	21	27	22	4	1	1	0	0	0	0	0	0	0	0	0	0	1	1	7
14	1	1	1	1	1	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
15	1	1	1	1	1	1	1	1	1	0	0	0	****	0	0	0	0	0	0	1	2	4	5	9	1
16	8	7	5	5	5	6	11	14	4	0	****	0	1	1	2	1	1	2	2	2	6	8	11	14	5
17	16	13	13	12	11	13	18	22	17	11	7	5	4	3	3	3	3	3	3	4	4	3	4	3	8
18	2	3	3	3	3	3	2	2	2	2	2	3	2	2	3	3	3	5	9	12	14	13	11	11	5
19	11	12	12	11	9	4	2	1	1	1	1	0	0	0	0	0	0	0	0	0	3	4	8	8	4
20	8	8	8	7	7	8	10	10	9	4	2	1	****	0	1	1	1	1	1	1	5	7	10	12	5
21	14	15	15	14	15	16	23	26	11	3	2	2	****	****	1	1	1	1	1	5	11	13	18	24	11
22	24	20	13	10	5	2	3	2	1	1	2	2	1	0	0	0	0	0	0	0	0	1	1	1	4
23	1	2	2	2	2	2	2	3	2	1	****	4	2	2	2	2	2	1	1	2	3	2	4	3	2
24	2	2	1	1	1	1	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1
25	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	1
26	6	5	4	4	4	4	4	4	2	1	1	1	1	1	1	1	0	0	1	1	1	2	3	5	2
27	2	2	2	2	1	1	1	2	7	3	2	2	1	0	0	0	0	0	0	1	1	2	2	3	2
28	4	4	4	4	6	9	16	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
29	2	1	1	2	2	2	3	2	2	2	1	2	2	1	1	1	1	1	1	1	2	2	2	2	2
30	5	6	6	6	6	5	7	4	2	****	1	1	1	0	0	0	0	0	0	1	1	2	2	6	3
31	5	4	2	2	2	6	15	11	2	1	0	0	0	0	0	0	1	1	3	1	2	2	6	6	3
MEAN	6	5	5	5	4	4	6	6	4	2	1	1	1	1	1	1	1	1	1	2	3	3	4	5	3.1

PERCENTAGE OF DATA VALID - 80.5 PERCENTAGE OF DATA INVALID - 19.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	7	7	9	10	12	15	15	5	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	4
2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
4	1	1	1	1	1	2	7	7	4	****	****	0	0	0	0	0	0	0	0	1	4	7	8	8	2
5	10	11	12	12	9	6	11	5	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	3
6	2	2	1	1	1	2	5	7	6	2	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
7	1	1	1	1	1	1	2	3	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1
8	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	5	1	6	9	1
9	9	11	11	11	11	9	10	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
10	1	1	1	1	2	2	4	2	0	0	0	0	0	****	0	0	2	0	1	1	2	3	4	4	1
11	5	3	3	3	4	5	14	19	3	1	1	1	1	1	1	-	1	1	4	6	10	10	14	16	6
12	19	19	19	6	1	4	7	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	3
13	1	1	1	1	1	3	5	1	0	0	0	0	0	****	0	0	0	0	1	1	1	1	1	1	1
14	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1
15	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
16	2	1	1	0	0	1	3	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	1	1	0	0	2	5	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	1	1	1	1	1	1	1	3	1	****	0	0	0	0	0	0	0	0	****	1	1	1	1	1
19	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	1	****	2	3	8	10	13	13	3
20	14	14	15	16	17	20	26	38	29	4	****	0	1	1	1	1	1	1	1	1	1	1	1	5	9
21	5	6	6	5	3	3	8	11	4	4	1	1	0	0	0	0	1	1	2	4	****	4	2	3	3
22	3	3	4	3	2	3	4	3	1	1	1	0	0	0	0	0	0	1	1	1	2	2	3	2	2
23	3	3	3	3	2	2	2	2	1	0	0	0	0	1	1	0	0	1	2	8	9	13	20	25	4
24	28	27	24	20	16	16	23	38	15	1	1	0	****	****	0	0	1	1	2	2	7	7	10	12	11
25	14	15	15	17	19	21	28	14	7	6	4	3	1	0	0	0	1	0	1	1	2	6	6	7	8
26	5	1	1	1	1	1	8	11	4	1	1	0	0	1	0	0	0	2	4	10	11	15	19	24	5
27	26	25	23	20	19	20	25	39	28	8	4	3	****	****	0	0	0	0	6	11	11	14	15	16	14
28	16	16	16	18	18	18	21	16	2	1	0	0	0	1	2	1	0	0	2	7	1	1	1	3	7
29	3	3	2	2	4	4	5	7	7	2	0	1	0	0	0	0	0	0	0	2	5	5	-	11	3
30	10	6	3	1	1	1	1	1	2	2	1	1	0	1	0	0	0	0	1	5	7	2	1	1	2
MEAN	6	6	6	5	5	5	8	9	5	1	1	0	0	0	0	0	0	0	1	3	3	4	5	6	3.4

PERCENTAGE OF DATA VALID - 97.9 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	4	9	4	5	2	1	1	0	0	0	0	0	3	7	9	11	6	8	3
2	4	3	2	1	1	2	5	7	5	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	3	2	3	4	3	4	1	1	1	1	1	2	4	2	2
4	1	1	1	1	1	1	3	8	8	1	****	2	6	4	3	3	2	6	7	7	6	5	7	9	4
5	10	5	3	3	1	1	5	10	7	4	3	3	2	2	2	1	2	2	2	2	1	1	1	1	3
6	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
8	1	-	1	1	1	2	2	2	0	0	0	0	1	0	0	0	0	1	4	3	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	0	-	****	0	0	0	0	0	1	6	8	9	-	13	13	3
10	12	13	-	15	13	****	21	37	37	5	1	1	0	0	0	0	0	0	2	2	2	3	3	5	8
11	5	5	5	5	6	8	13	25	25	12	6	1	1	****	****	1	1	1	1	4	4	1	1	0	6
12	0	0	0	0	1	1	2	4	4	2	1	1	1	1	0	1	3	5	4	4	1	2	1	1	2
13	1	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	1	1	0	0	0	4	1
14	5	6	6	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1
15	1	1	0	0	1	1	2	-	4	****	****	6	4	2	0	0	0	1	2	2	3	3	3	2	2
16	1	1	1	1	1	2	6	6	3	1	1	-	0	0	0	0	0	0	1	1	8	12	13	13	3
17	10	9	12	13	12	13	20	-	-	26	22	19	20	****	****	33	29	29	40	40	42	39	42	42	26
18	42	35	4	2	2	5	10	13	2	2	1	1	****	1	1	1	2	2	4	11	11	16	20	20	9
19	2	1	1	1	1	2	2	1	2	2	2	2	2	2	2	-	-	5	2	1	1	1	1	1	2
20	1	3	2	1	1	2	4	2	3	3	1	1	0	0	0	0	0	0	1	2	2	1	1	1	1
21	1	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	0	0	1	1	1	9	12	7	2
22	5	1	1	1	1	3	7	16	10	5	2	1	****	1	0	1	1	2	1	4	3	3	6	4	3
23	1	1	1	1	1	2	1	2	2	2	1	2	2	2	2	2	2	2	1	3	1	1	1	1	2
24	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	-	1	1	1
25	1	1	1	1	1	1	2	3	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
26	0	0	0	0	0	1	1	2	1	****	1	1	0	-	0	0	0	0	1	1	1	1	1	1	1
27	1	1	1	1	1	1	0	3	2	1	1	0	0	0	1	0	0	1	2	1	1	1	1	1	1
28	1	1	1	1	1	1	1	2	2	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	2	2	2	1	1	1	1	0	0	1	3	4	3	2	3	3	3	2
30	2	1	0	0	0	1	2	2	2	2	1	1	0	0	0	0	0	3	3	3	2	2	2	2	1
31	1	1	1	1	1	1	3	5	3	1	1	1	1	0	0	****	****	****	****	****	****	****	****	****	******
MEAN	4	3	2	2	2	2	4	6	5	3	2	2	2	1	1	2	2	2	3	4	4	4	5	5	2.9

PERCENTAGE OF DATA VALID - 95.6 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 OON MILLS RO. NORTH YORK MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- OATA INVALIO -													
2	****	****	****	****	****	****	****	****	****	****	****	1	1	2	2	2	2	1	5	6	5	4	2	3	******
3	5	7	9	9	9	9	10	14	14	5	2	3	2	1	1	0	0	0	1	2	3	2	2	-	5
4	3	3	3	2	1	2	1	2	2	1	0	0	0	0	0	0	0	1	5	5	10	15	15	17	4
5	18	19	21	25	27	28	31	39	42	2	0	****	0	1	1	1	4	3	5	3	5	12	13	15	14
6	20	20	21	22	21	19	20	27	38	41	17	5	5	5	7	5	10	6	8	10	18	20	20	9	16
7	7	3	2	2	2	2	2	3	3	1	0	0	0	0	0	0	1	1	1	2	2	2	2	2	2
8	3	4	3	2	2	-	****	2	2	1	1	1	2	2	****	1	2	3	2	5	5	6	9	11	3
9	11	9	11	11	12	14	20	31	40	47	7	5	3	2	3	2	2	2	3	-	3	4	5	5	11
10	7	6	4	2	2	2	1	2	2	1	0	0	0	0	0	0	0	0	1	2	3	2	2	2	2
11	2	2	-	2	2	2	2	4	4	2	1	0	-	0	0	0	0	0	1	2	4	3	3	7	2
12	8	2	2	-	2	2	2	7	7	4	2	1	1	1	1	1	1	2	5	15	20	27	34	36	8
13	36	36	36	21	5	3	7	14	18	9	6	****	2	1	0	0	2	10	18	21	19	13	5	4	12
14	3	2	2	2	2	2	4	6	7	7	1	0	0	0	0	1	3	5	5	3	2	6	10	11	4
15	11	12	12	9	4	4	4	8	5	4	2	2	2	2	4	3	6	9	9	9	6	2	2	1	6
16	1	1	1	1	1	1	1	5	4	2	1	1	1	1	1	1	1	9	37	38	38	37	37	37	11
17	36	33	35	34	34	35	34	35	34	33	27	31	31	29	29	28	22	31	34	44	48	49	54	60	36
18	67	74	83	81	78	78	71	70	62	50	28	27	15	3	1	10	28	29	30	29	33	31	29	32	43
19	31	32	31	31	32	32	23	6	6	5	2	1	2	3	3	6	4	9	8	3	4	4	5	9	12
20	8	5	3	3	4	5	6	13	21	5	1	0	0	1	1	0	2	1	1	1	1	1	1	1	4
21	1	1	1	1	1	1	2	5	3	1	1	1	1	1	0	1	1	-	0	1	1	1	1	1	1
22	1	1	2	2	2	4	8	16	15	6	9	8	5	1	-	4	2	1	1	0	0	0	1	1	4
23	-	1	1	1	1	1	4	6	3	3	2	5	4	3	1	5	5	8	15	22	28	25	27	29	9
24	26	24	16	3	1	1	1	0	0	0	0	0	0	0	0	0	0	2	4	5	4	****	4	7	4
25	15	14	13	13	14	19	22	25	26	9	2	0	1	0	0	0	0	0	0	0	0	1	0	0	7
26	0	1	1	1	1	1	2	4	1	0	1	****	****	1	0	0	0	0	0	0	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	1	0	0	0	0	0	0	0	0	2	1	4	7	6	6	2
28	5	3	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
29	1	1	1	1	1	1	1	3	4	3	0	1	0	0	0	0	-	****	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
MEAN	12	11	12	11	9	10	10	13	13	9	4	4	3	2	2	2	4	5	7	8	9	10	10	11	8.0

PERCENTAGE OF OATA VALIO - 92.6 PERCENTAGE OF OATA INVALIO - 6.0 PERCENTAGE OF OATA UNAVAILABLE - 1.4

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RO. NORTH YORK MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	0	1	3	5	4	3	3	****	1	1	1	1	2	1	1	1	2
2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	4	10	5	4	7	8	7	2
3	4	2	2	1	2	1	2	3	4	3	2	1	1	1	****	0	****	0	4	7	2	1	1	1	2
4	1	1	1	1	1	1	2	3	6	6	3	2	1	0	1	1	2	3	2	2	1	3	2	2	2
5	3	4	2	3	1	1	2	4	5	3	2	2	2	2	1	0	0	0	0	1	1	1	1	1	2
6	1	1	1	1	1	2	2	4	8	8	3	2	6	5	4	2	3	5	3	3	2	2	3	3	3
7	3	3	3	2	2	2	4	6	8	2	1	0	0	0	1	2	2	2	2	2	1	2	1	1	2
8	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1
10	0	0	1	1	1	1	4	8	13	9	1	0	0	1	1	2	3	4	3	4	4	7	5	2	3
11	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	0	1	1	2	5	2	1	1	1	1
12	1	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
13	1	1	1	1	1	1	2	3	4	3	2	2	2	3	****	5	6	7	12	13	14	13	3	1	4
14	1	1	1	1	1	2	2	3	6	3	1	0	0	****	0	1	1	1	1	2	2	1	1	1	1
15	1	1	2	3	4	5	6	5	1	2	1	1	1	1	0	1	1	1	2	3	3	3	2	2	2
16	3	2	3	3	3	3	2	2	2	2	2	2	2	2	2	0	0	0	1	1	1	1	1	1	2
17	1	1	1	1	1	1	1	4	9	9	****	6	2	1	****	1	1	2	1	1	1	1	1	1	2
18	1	1	1	1	1	1	2	3	2	1	1	1	1	2	3	6	7	7	5	6	6	4	6	2	3
19	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	2	3	2	2	2	2	3	2
20	2	2	1	1	1	1	3	5	6	7	5	7	7	6	5	5	9	12	22	33	35	43	47	54	13
21	57	61	63	65	62	54	57	61	67	75	20	2	1	2	****	3	5	6	8	18	11	15	14	10	32
22	5	3	2	2	1	1	2	1	2	2	4	4	4	3	5	9	10	9	10	9	9	10	12	11	5
23	9	7	6	4	3	2	2	3	3	4	6	6	4	4	2	3	5	4	3	4	7	6	17	18	6
24	17	15	16	17	18	15	7	4	3	2	2	2	2	2	2	2	1	2	2	2	3	3	3	3	6
25	4	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	3	1	1	0	1	1	1	1	2	2	3	4	6	8	8	2
29	5	5	5	4	4	3	2	1	2	2	0	0	0	1	1	1	1	1	1	1	1	2	1	2	2
30	2	1	1	1	1	1	1	1	3	1	0	0	0	0	0	0	1	6	11	10	6	3	3	5	2
31	7	8	8	8	9	11	17	24	32	17	5	5	2	2	1	2	3	6	10	13	19	26	25	-	11
MEAN	5	4	4	4	4	4	4	5	6	6	2	2	2	2	1	2	2	3	4	5	5	5	6	5	3.9

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 1.2 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.7	15	42
FEB	28	3.0	12	32
MAR	31	4.1	20	51
APR	30	2.4	13	43
MAY	31	2.2	7	27
JUN	30	2.4	B	30
JUL	31	2.5	5	18
AUG	24	3.1	11	27
SEP	30	3.4	14	39
OCT	30	2.9	26	42
NOV	28	B.0	43	B3
DEC	31	3.9	32	75
YEAR	355	3.4	43	83

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34002 SC CTR 770 DON MILLS RD. NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	664	30	21	16	5	1	0	737
FEB	579	3B	30	17	1	0	0	665
MAR	600	56	55	21	4	4	1	741
APR	638	41	19	B	3	2	0	711
MAY	638	69	20	3	0	0	0	730
JUN	634	45	22	10	0	0	0	711
JUL	617	97	25	0	0	0	0	739
AUG	503	43	45	B	0	0	0	599
SEP	574	52	60	16	3	0	0	705
OCT	628	38	27	7	7	4	0	711
NOV	465	62	48	35	39	7	11	667
DEC	622	65	27	4	3	2	11	734
YEAR	7162	636	399	145	65	20	23	B450

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	9B	99	MAX	
96.5	0	0.0	0.2	0.B	1.9	8.0	14.2	24.9	33.1	83	3.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	14	10	15	7	2	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	0	0	1	1	3
2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1
3	1	1	1	1	1	1	2	5	2	2	1	****	1	1	2	6	7	12	7	4	3	2	2	1	3
4	1	1	1	1	1	1	4	12	12	8	6	4	3	1	12	13	5	9	6	5	4	2	2	2	5
5	1	1	1	1	1	1	3	10	16	17	12	5	9	5	7	8	9	8	7	7	7	5	14	11	7
6	8	14	16	6	4	4	8	15	14	10	4	2	4	6	7	8	9	14	16	11	9	8	4	8	9
7	8	11	9	6	3	1	2	5	9	10	18	21	12	7	3	3	4	3	3	3	3	1	1	0	6
8	2	2	2	2	3	4	7	9	11	8	4	****	0	0	0	0	2	3	2	5	5	4	7	7	4
9	5	2	1	1	1	1	4	12	20	14	10	6	6	7	9	11	11	14	10	9	8	8	5	3	7
10	3	4	3	3	2	3	4	6	8	10	5	4	4	2	1	1	1	2	3	5	3	3	2	1	3
11	1	1	1	1	5	7	9	38	63	28	27	12	6	1	1	1	2	6	8	11	11	20	18	15	12
12	11	10	6	10	13	4	3	8	25	28	28	****	22	25	26	37	45	54	54	53	53	34	19	16	25
13	11	17	13	6	6	5	7	12	19	16	12	11	10	8	9	7	6	5	6	6	5	4	5	7	9
14	10	11	12	8	5	4	4	4	4	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	4
15	2	2	2	2	2	2	3	9	10	4	4	6	3	1	2	5	7	8	7	6	4	3	4	3	4
16	3	2	3	2	2	3	3	6	8	6	3	2	1	1	1	1	2	4	7	9	10	9	9	15	5
17	20	22	16	20	16	13	30	29	20	16	14	14	17	21	12	4	22	29	35	11	6	2	2	4	16
18	2	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	2	2	1	1	2	3	2	1
19	1	1	1	2	3	3	4	7	11	28	32	29	26	26	33	28	31	30	25	24	23	18	14	13	17
20	11	9	8	6	4	3	5	8	10	20	21	17	19	24	21	25	24	20	12	11	12	4	7	9	13
21	9	8	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2
22	1	1	1	1	1	1	1	2	3	4	2	1	1	1	2	2	1	2	2	2	1	2	10	12	2
23	6	3	1	2	2	3	15	25	22	35	22	26	22	23	****	****	26	22	18	16	17	17	18	20	16
24	27	15	12	6	4	7	17	21	15	****	****	8	7	9	8	8	7	4	3	3	3	3	3	2	9
25	2	4	2	1	1	1	2	2	2	2	1	2	2	1	2	2	2	2	1	1	1	1	1	1	2
26	1	1	1	1	1	1	1	1	1	2	2	2	2	****	****	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	3	2	2	1
28	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	2	2	4	3	1	1	1	1	****	1	2	2	3	3	2	1	1	1	2
31	2	2	2	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1
MEAN	5	5	5	3	3	3	5	8	10	9	8	6	6	6	6	6	8	9	8	7	7	5	5	5	6.2

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	2	1	1	1	1	****	****	****	****	****	0	1	0	****	****	1	0	1	1	1	1	0	1
2	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	4	3	5	4	4	3	5	2
3	9	9	10	8	9	10	33	27	18	10	4	3	5	9	11	9	10	30	22	8	10	9	17	29	13
4	24	17	14	10	6	4	4	7	7	5	3	1	2	2	1	2	2	3	3	3	3	3	3	3	6
5	3	3	2	2	2	2	2	3	3	2	2	1	1	1	1	1	2	3	4	4	3	3	3	3	2
6	2	2	2	2	3	3	5	11	14	35	23	15	15	****	15	36	45	40	33	30	21	23	24	27	19
7	20	12	8	8	10	21	37	54	39	34	24	20	20	23	24	26	30	22	21	20	18	14	8	5	22
8	7	7	13	8	6	6	6	9	18	6	2	2	1	1	1	1	2	3	3	2	****	6	3	2	5
9	2	1	1	1	****	****	****	****	****	****	****	1	1	1	1	1	2	5	6	6	8	5	5	10	3
10	11	10	6	7	6	7	8	8	7	10	8	2	7	14	12	8	5	3	2	2	1	1	1	1	6
11	1	1	1	1	1	1	1	1	1	1	2	0	0	1	1	2	3	6	8	9	17	15	20	21	5
12	14	11	13	16	12	12	11	15	16	14	9	11	21	12	10	3	2	4	5	4	3	2	2	2	9
13	2	2	2	1	1	1	1	2	2	2	1	1	1	3	0	0	1	2	3	3	2	2	1	2	2
14	1	1	0	0	0	0	1	21	43	36	18	3	5	16	17	24	28	25	24	23	19	14	9	5	14
15	4	5	2	5	****	****	****	****	****	****	****	****	21	20	22	28	31	30	22	20	16	13	6	7	16
16	6	3	2	2	2	2	2	3	3	2	2	1	0	0	0	1	****	****	****	****	****	****	****	****	2
17	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	1	3	3	1	1	1	1	******
18	1	1	1	2	1	2	3	4	10	13	12	8	9	12	14	15	14	15	13	12	11	11	20	20	9
19	15	14	11	9	9	11	14	19	24	25	18	6	2	1	1	4	8	12	13	14	14	17	16	11	12
20	11	7	5	5	5	7	21	38	46	31	28	24	25	24	****	****	36	46	43	24	11	18	30	33	24
21	25	17	15	14	21	17	32	63	89	66	41	33	29	32	29	20	15	12	9	5	4	2	2	2	24
22	2	2	2	2	2	2	2	2	2	3	2	2	1	1	1	22	42	46	41	42	44	29	16	14	14
23	8	5	3	2	2	2	8	22	30	31	28	****	****	45	48	47	52	35	24	25	26	23	27	34	24
24	35	16	3	0	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
25	0	0	0	1	2	3	2	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1
26	2	1	0	0	1	2	3	1	2	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	2	3	2	2	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28	****	****	****	13	17	24	37	69	76	39	10	3	1	20	26	34	39	42	43	45	43	42	66	75	36
MEAN	8	6	5	4	5	6	10	16	18	15	10	6	7	9	9	11	15	15	13	12	11	10	11	12	10.1

PERCENTAGE OF DATA VALID - 90.6 PERCENTAGE OF DATA INVALID - 9.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	40	16	8	9	6	6	13	37	32	26	19	17	17	22	23	25	34	34	35	42	26	27	6	3	22
2	2	1	1	1	1	1	1	4	5	8	8	1	1	1	3	16	31	38	36	41	38	27	22	22	13
3	16	10	9	7	5	5	10	21	22	25	23	20	20	21	23	21	24	29	36	39	28	11	12	14	19
4	18	19	14	9	6	3	3	7	9	10	15	16	22	30	25	19	19	19	20	27	35	41	47	40	20
5	14	6	5	6	5	7	12	10	15	10	5	4	4	6	4	5	6	3	14	19	16	17	25	26	10
6	20	9	6	4	6	7	20	57	62	42	32	25	22	22	19	22	25	23	19	12	10	13	13	4	21
7	2	3	1	1	14	15	33	53	38	31	25	18	-	-	-	-	-	-	-	-	-	-	-	-	******
8	8	6	3	1	1	1	2	5	5	2	1	1	1	1	1	1	1	1	2	2	1	2	3	3	2
9	3	4	5	5	4	7	13	22	29	44	14	****	34	21	23	27	34	39	32	30	31	24	21	22	21
10	10	10	5	3	3	1	3	4	2	3	6	9	8	6	5	6	11	1	0	0	0	1	2	3	4
11	2	1	1	2	2	3	3	3	3	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
12	0	0	0	1	2	1	1	0	0	0	1	0	0	0	0	0	0	0	1	2	****	****	16	22	2
13	23	11	5	3	4	7	18	39	35	25	****	19	18	20	22	26	36	26	5	3	5	6	6	12	16
14	10	3	2	2	1	1	1	3	6	4	1	1	1	1	0	0	0	0	1	1	2	2	1	1	2
15	1	1	2	1	1	1	1	2	1	0	0	0	0	0	0	0	0	1	2	****	****	****	9	10	2
16	16	15	4	2	2	3	3	8	2	1	0	0	0	1	2	0	0	0	2	10	34	36	32	34	9
17	26	24	24	17	17	16	11	12	4	4	10	10	7	7	11	18	23	26	31	32	29	23	26	19	18
18	9	12	7	3	1	1	2	3	9	8	2	5	2	5	7	11	12	20	26	30	34	24	22	21	12
19	13	7	8	7	6	3	5	37	41	28	21	19	16	16	14	21	13	2	36	21	20	14	17	19	17
20	17	10	12	6	2	2	3	12	18	18	7	2	0	1	1	1	0	0	2	4	4	2	1	3	5
21	2	5	2	1	0	0	3	5	19	36	28	18	14	10	16	20	26	32	39	37	27	27	32	33	18
22	28	36	38	33	11	0	1	2	2	12	15	13	10	17	22	19	27	32	34	42	48	49	36	26	23
23	22	22	14	5	3	4	22	45	40	32	23	23	****	28	24	33	37	44	50	26	10	6	4	8	23
24	11	6	6	3	2	1	2	7	12	11	14	26	28	33	38	42	29	22	20	38	25	20	9	11	17
25	5	2	1	0	0	0	0	0	1	2	1	2	3	2	3	5	6	2	0	1	1	1	0	0	2
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
27	1	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	1	1	1	2	3	1
28	2	2	7	16	16	29	46	55	41	25	19	19	18	20	22	25	28	31	30	25	22	21	19	13	23
29	11	8	7	8	6	9	27	44	56	39	15	3	2	2	2	2	2	3	4	15	23	38	35	25	16
30	22	8	3	2	2	3	14	40	44	48	47	45	55	58	40	38	37	44	34	40	40	40	26	18	31
31	21	12	4	18	10	11	15	22	21	7	2	2	2	2	2	2	2	2	1	1	1	1	1	1	7
MEAN	12	9	7	6	5	5	9	18	19	16	12	11	11	12	12	14	15	16	17	19	18	17	15	14	12.7

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.6

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	****	0	0	0	0	1	0	2	4	7	9	9	11	12	13	13	16	16	17	14	10	9	7	6	8
2	3	1	1	1	1	2	6	23	33	39	51	42	32	24	20	23	32	39	19	7	15	2	1	1	17
3	0	****	****	0	0	0	0	****	****	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0
4	****	****	1	3	4	12	29	62	57	40	****	****	13	9	11	11	12	8	6	3	2	2	2	5	15
5	6	2	1	1	0	0	1	1	1	0	0	0	0	0	1	2	6	21	24	25	15	7	5	3	5
6	1	1	0	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	1	1	1	1	******
7	1	1	1	1	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1
8	3	3	3	3	3	3	2	2	3	6	8	9	12	16	21	24	21	10	4	6	6	5	5	5	8
9	3	2	3	2	2	3	10	16	15	3	2	2	2	****	****	1	1	2	2	4	5	11	26	4	6
10	2	2	2	2	2	2	3	3	2	1	1	2	2	2	2	2	2	3	4	9	10	4	9	6	3
11	6	4	5	2	2	2	4	29	37	26	22	20	21	23	27	32	43	39	41	36	24	17	23	23	21
12	18	12	5	4	3	4	11	24	20	17	16	21	****	21	23	27	30	31	31	26	15	13	6	7	17
13	4	2	2	2	1	1	2	3	4	7	7	9	10	9	10	10	10	15	19	16	14	8	6	6	7
14	5	3	3	2	2	2	5	6	3	2	2	3	5	8	19	19	22	25	29	23	20	4	3	3	9
15	3	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1
17	1	1	0	0	1	2	2	2	1	1	1	1	1	1	****	0	1	1	1	1	1	1	1	0	1
18	0	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
19	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1
20	0	0	0	0	0	2	3	4	9	2	2	1	11	20	28	28	37	31	32	41	42	43	32	37	17
21	29	16	18	31	61	63	52	28	22	16	14	12	10	9	12	17	21	24	31	12	33	30	22	17	25
22	19	11	5	2	2	2	1	1	1	1	1	1	1	1	1	1	4	17	19	20	23	9	3	3	6
23	4	5	4	3	1	4	47	61	24	18	9	13	12	16	****	22	22	23	32	38	40	18	31	34	21
24	44	45	35	4	15	22	33	36	39	28	16	14	12	14	13	16	26	29	26	27	23	19	20	25	24
25	19	20	11	12	9	10	25	41	42	36	33	27	17	****	17	20	27	30	32	33	27	17	18	15	23
26	15	18	9	3	3	6	18	29	29	22	19	18	19	22	25	23	38	44	36	27	22	20	17	14	21
27	11	9	3	2	2	2	2	2	2	2	2	2	1	1	1	1	2	1	1	1	1	1	1	1	2
28	0	0	0	0	0	0	0	0	7	14	20	22	21	23	30	31	24	26	32	33	35	28	26	11	16
29	2	1	1	0	0	1	1	1	1	1	1	1	1	11	11	13	19	25	21	21	28	6	2	1	7
30	1	1	2	8	10	44	65	44	35	29	31	35	35	****	21	24	25	2	1	1	2	7	4	1	19
MEAN	7	6	4	3	4	7	11	15	14	11	10	10	9	9	12	13	15	16	15	14	14	10	9	8	10.3

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 4.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	2	5	6	6	11	13	3	10	5	23	22	19	20	21	24	36	38	36	26	27	16	15	10	16
3	9	3	1	2	3	17	31	28	31	25	31	26	28	40	49	47	41	20	8	1	1	1	1	1	19
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1
5	0	0	0	0	0	1	2	1	1	1	1	1	2	15	13	17	14	20	25	17	1	1	1	1	6
6	5	10	4	2	2	2	5	5	6	10	9	11	16	15	15	18	16	15	13	15	14	13	14	6	10
7	3	1	1	2	3	16	28	24	15	14	13	12	12	****	15	19	14	10	11	8	10	8	8	5	11
8	4	3	3	5	11	16	57	47	38	22	17	21	13	13	15	19	17	14	22	23	21	19	16	14	19
9	7	5	4	9	10	34	51	43	32	24	20	15	7	5	6	7	6	10	11	15	12	11	19	11	16
10	7	7	16	24	14	9	50	32	21	11	14	17	16	17	17	20	23	23	14	29	27	27	21	15	20
11	11	19	21	19	14	29	47	48	31	24	22	****	25	25	27	23	31	26	28	28	25	22	23	23	26
12	13	17	13	11	9	11	26	24	18	11	11	11	12	10	9	8	6	4	3	2	1	1	1	1	10
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	9	2
14	2	1	2	5	8	26	38	22	15	18	17	17	12	****	13	18	12	3	8	10	20	24	17	12	14
15	12	5	5	2	2	3	5	4	3	4	12	17	18	9	15	5	23	4	1	16	4	1	1	1	7
16	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1	1	1	2	3	2	3	1
17	2	13	7	4	5	19	18	26	34	16	24	19	15	0	13	18	19	15	25	29	32	29	30	13	18
18	9	10	15	8	11	8	51	49	41	21	19	22	21	12	13	17	22	24	25	30	34	31	24	29	23
19	28	14	7	8	10	23	23	21	19	17	13	13	11	9	10	10	13	17	16	18	16	17	18	19	15
20	16	5	3	2	2	3	4	4	5	6	7	8	11	7	10	8	12	15	13	16	10	3	3	3	7
21	4	3	4	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	0	0	0	0	0	1	1	2	11	4	9	15	****	17	21	24	19	19	22	20	19	24	23	14	12
23	11	6	2	1	10	5	3	2	5	2	5	4	16	21	21	22	24	24	23	24	21	25	16	5	12
24	1	1	1	1	1	1	1	1	0	0	1	2	5	****	11	26	26	31	30	24	8	4	1	0	8
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	1
26	12	8	6	3	5	11	23	21	22	24	23	20	9	10	9	9	10	19	16	17	12	16	12	8	14
27	12	11	8	5	2	1	3	3	2	6	8	11	11	12	9	12	13	19	15	18	20	8	6	22	10
28	11	5	8	10	7	5	20	21	14	6	7	18	17	****	22	28	29	22	18	8	4	4	12	13	13
29	11	9	11	22	17	10	6	5	5	3	2	2	5	22	14	24	23	12	3	2	1	7	21	5	10
30	2	2	2	2	4	4	3	3	3	2	1	1	2	****	12	14	15	19	16	18	20	31	36	24	10
31	19	48	40	34	24	46	66	58	23	20	18	14	13	13	19	23	21	23	22	31	34	26	6	30	28
MEAN	7	7	6	6	6	10	19	16	13	10	11	11	11	12	13	15	16	15	14	15	13	12	11	10	11.6

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	27	15	2	11	19	43	52	34	21	18	18	15	16	16	18	20	20	22	19	29	28	19	25	17	22
2	18	14	9	3	2	2	2	2	2	2	2	1	1	1	2	11	12	16	13	19	23	29	14	6	9
3	5	3	1	1	1	2	2	5	8	8	8	8	6	5	3	1	6	6	5	5	3	4	15	20	5
4	16	19	14	3	9	29	43	19	18	15	16	17	17	11	11	14	14	16	9	14	20	7	5	5	15
5	3	3	3	3	4	14	11	2	3	5	4	3	3	3	3	2	1	1	1	1	1	1	1	1	3
6	1	1	2	7	16	40	48	35	23	19	18	17	15	****	20	21	23	21	19	17	21	26	21	15	19
7	9	6	4	6	12	32	47	40	32	22	21	16	18	22	****	****	22	24	24	27	18	19	23	21	21
8	23	19	16	19	25	38	42	38	37	31	28	30	32	25	31	31	34	27	21	28	33	30	17	19	28
9	35	27	22	21	21	18	16	25	25	21	20	18	17	17	17	16	19	21	21	23	21	20	21	24	21
10	22	22	18	13	12	13	14	14	16	18	18	17	15	15	14	15	16	15	17	17	14	14	11	11	15
11	9	7	5	4	3	4	4	4	3	2	2	1	1	****	1	1	1	1	1	1	2	3	4	2	3
12	1	0	0	0	0	1	3	2	1	0	0	0	0	0	0	0	1	0	0	1	1	2	1	1	1
13	1	1	1	1	0	1	4	3	1	1	0	0	0	****	1	1	1	1	1	1	1	3	16	37	3
14	32	20	15	11	10	7	29	41	32	20	16	12	10	****	8	15	16	15	13	15	25	24	21	16	18
15	15	8	4	3	5	15	28	26	11	8	7	7	8	7	6	9	10	7	7	6	7	5	5	5	9
16	4	4	4	4	3	3	4	3	4	4	5	6	7	7	8	8	8	10	11	15	6	7	4	3	6
17	5	4	4	4	3	4	5	4	4	6	7	7	7	7	6	6	7	10	5	4	5	5	4	3	5
18	3	2	2	2	1	1	1	1	1	1	1	1	3	****	11	5	2	1	1	0	13	13	2	1	3
19	1	1	1	0	0	1	1	19	23	15	12	15	15	14	17	22	21	19	17	17	25	29	28	26	14
20	24	23	22	23	22	32	47	35	28	20	18	13	13	12	15	18	15	17	14	10	15	19	20	14	20
21	3	1	2	2	3	17	35	34	27	24	22	21	18	19	22	26	24	21	20	23	25	27	11	9	18
22	8	5	6	8	9	23	33	24	19	28	13	5	5	5	5	4	3	2	1	1	1	1	1	1	9
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
25	1	1	1	0	0	1	2	2	1	4	3	7	15	15	16	15	16	17	14	14	23	16	17	16	9
26	14	23	32	17	20	17	21	43	29	15	9	12	11	10	12	14	17	14	13	20	24	20	18	13	18
27	8	4	4	1	1	9	23	21	15	12	6	5	3	18	21	23	19	14	11	4	3	2	2	2	10
28	2	2	3	2	6	13	8	5	4	3	****	8	16	18	17	15	15	15	17	18	22	24	19	21	12
29	21	22	11	6	12	22	32	36	32	24	18	16	12	16	23	28	26	21	23	22	21	16	15	13	20
30	11	11	7	5	5	10	15	17	17	21	19	22	19	16	14	13	12	17	21	20	21	18	16	13	15
MEAN	11	9	7	6	8	14	19	18	15	12	11	10	10	11	11	12	13	12	11	12	14	13	12	11	11.8

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	8	6	4	4	5	7	7	6	7	8	15	14	10	8	6	8	8	10	12	13	14	15	13	9
2	5	3	4	4	4	3	2	2	2	2	3	3	2	2	2	2	2	2	1	1	1	1	1	1	2
3	0	0	0	0	0	0	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	1	1	0
4	2	2	1	1	2	6	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5	0	0	0	0	0	1	1	1	0	0	****	0	0	0	0	0	0	0	0	0	1	2	0	0	0
6	0	0	0	0	0	1	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	2	2	4	4	3	1	0	0	9	10	8	7	7	8	10	11	11	14	15	13	8	6
8	4	2	1	0	0	0	0	0	0	2	5	5	6	5	5	3	2	4	8	14	19	19	13	8	5
9	8	16	26	13	3	29	45	32	27	16	****	15	14	14	15	17	21	22	18	18	14	26	22	17	19
10	7	3	3	4	6	17	35	35	30	28	28	31	28	25	20	21	28	27	32	33	28	26	25	14	22
11	10	9	7	6	6	7	7	7	7	6	7	9	12	14	16	23	24	26	30	23	19	22	25	26	15
12	22	19	10	8	7	7	8	9	8	8	8	8	9	****	5	12	16	20	14	15	15	11	23	23	12
13	12	21	12	8	6	5	5	16	24	20	18	13	12	11	14	15	18	15	18	18	22	22	23	23	15
14	22	19	11	5	3	2	7	22	20	15	15	9	8	8	9	6	6	8	9	10	12	15	12	14	11
15	16	14	12	14	11	8	8	8	7	7	8	9	8	9	12	8	9	14	16	20	18	11	6	6	11
16	5	5	6	7	6	7	10	7	5	4	4	4	4	10	19	25	7	4	3	3	3	2	2	2	6
17	1	1	1	1	1	1	0	1	1	2	5	2	0	0	3	8	20	15	0	0	0	0	0	0	3
18	0	0	0	0	0	0	2	2	1	0	0	1	0	0	0	0	3	9	10	0	0	0	0	0	1
19	0	0	0	1	4	3	7	6	5	4	0	2	1	8	12	13	14	11	13	17	14	20	16	9	8
20	3	1	0	0	0	1	2	0	1	15	12	8	9	****	11	12	11	9	10	14	17	9	5	6	7
21	2	13	13	9	4	15	19	17	5	1	3	2	5	1	1	2	2	2	3	7	11	3	0	0	6
22	0	1	0	0	0	2	2	0	0	1	2	0	0	0	0	0	0	2	5	10	16	9	2	1	2
23	3	1	0	0	2	11	16	19	15	9	8	6	6	****	17	24	25	18	22	23	22	19	23	14	13
24	12	12	11	10	11	36	54	50	37	32	31	33	22	26	24	27	29	26	16	15	16	15	20	12	24
25	10	10	11	12	14	30	48	46	47	40	32	25	27	26	38	37	30	33	32	38	33	30	32	28	30
26	23	20	17	20	19	24	38	44	19	11	12	11	10	9	9	9	8	7	7	7	6	6	6	6	15
27	6	5	5	5	4	6	8	7	5	8	26	25	25	28	27	24	21	17	23	28	37	40	25	21	18
28	26	22	17	15	15	23	37	34	30	25	24	20	15	13	9	8	8	8	7	6	5	5	4	4	16
29	4	3	2	2	1	1	2	2	2	5	6	4	3	2	5	8	10	11	13	25	32	15	4	4	7
30	3	3	2	2	2	17	44	72	42	26	28	17	15	19	21	23	29	23	19	15	16	17	18	9	20
31	5	5	5	7	11	28	48	57	41	33	34	37	****	22	30	36	24	21	9	8	7	7	6	6	21
MEAN	7	7	6	5	5	10	15	17	13	11	11	10	9	10	11	12	12	12	12	13	13	12	11	9	10.5

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	5	4	4	3	2	3	4	36	38	38	31	29	25	26	31	32	31	31	30	26	23	22	18	21
2	9	4	6	6	9	22	35	38	25	23	****	****	3	3	3	3	3	3	3	3	5	5	9	16	11
3	13	9	10	11	10	9	17	16	26	17	19	15	19	17	18	15	8	3	2	2	3	5	7	12	12
4	13	11	4	5	3	7	7	3	3	4	5	6	6	6	6	7	6	9	8	3	3	3	3	3	6
5	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	5	3	1
7	3	12	7	8	19	27	39	30	21	19	17	16	18	16	15	20	24	10	4	5	5	4	4	2	14
8	1	1	3	3	5	9	4	4	3	1	1	****	1	2	1	1	1	0	0	0	0	2	1	0	2
9	0	0	0	0	0	30	55	38	24	18	18	14	16	17	22	23	24	26	23	21	19	16	17	16	18
10	10	6	4	3	7	22	37	38	24	11	5	****	3	3	2	2	2	1	1	1	1	1	1	1	8
11	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	3	7	7	8	9	8	8	8	5	9	11	11	17	25	32	36	34	28	11
13	20	16	12	8	6	9	19	76	35	23	22	23	17	****	13	18	23	16	5	2	2	1	1	1	16
14	2	2	1	1	1	1	2	2	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	2	3	1	1
16	2	1	1	0	1	3	9	6	2	2	0	0	0	****	21	21	20	21	25	26	25	25	11	6	10
17	3	4	2	3	6	9	15	24	25	21	28	28	11	4	18	33	28	29	30	23	17	18	18	4	17
18	10	8	2	1	1	6	14	22	21	22	27	30	33	33	26	21	11	27	32	23	12	11	10	9	17
19	10	9	7	5	3	2	2	2	2	1	2	2	2	2	1	5	11	11	12	15	9	6	2	1	5
20	2	4	4	2	2	5	15	7	5	7	14	18	19	23	24	19	21	23	30	34	36	41	32	9	17
21	7	8	7	15	12	13	14	7	****	3	3	2	14	13	18	19	30	24	25	12	14	14	6	5	12
22	7	8	2	1	10	35	55	43	32	26	24	21	17	19	21	23	23	22	22	19	20	20	15	12	21
23	12	9	9	9	13	28	42	41	36	32	39	41	37	****	28	27	27	25	29	29	29	29	29	28	27
24	19	8	11	10	12	27	41	44	32	29	26	26	26	23	22	24	22	20	27	24	22	19	18	18	23
25	15	6	4	3	3	2	2	2	1	1	1	1	1	1	7	6	2	2	2	2	1	1	1	1	3
26	1	1	0	0	0	2	3	2	6	8	8	9	8	12	15	12	18	20	25	24	26	14	5	7	9
27	8	6	2	1	1	1	1	12	18	20	****	17	18	19	15	19	20	15	11	11	17	19	19	20	13
28	14	14	15	18	14	51	62	58	40	31	29	24	24	21	21	30	29	27	25	24	22	22	16	12	27
29	8	6	7	7	8	21	31	29	28	23	23	25	23	24	27	30	18	7	8	10	16	16	18	19	18
30	13	13	12	13	19	34	47	37	22	16	11	8	4	****	****	****	****	****	****	****	****	****	****	****	******
31	- DATA INVALID -																								
MEAN	7	6	5	5	6	13	19	20	17	14	13	14	12	12	13	15	14	13	14	13	13	12	11	9	11.9

PERCENTAGE OF DATA VALID - 94.0 PERCENTAGE OF DATA INVALID - 6.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	20	20	21	24	35	47	28	18	11	10	11	9	6	5	7	10	14	16	15	16	13	7	5	16
2	4	3	4	5	5	4	5	6	10	11	10	12	15	20	17	15	15	16	17	12	10	6	13	11	10
3	7	5	4	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	2
4	0	0	0	0	0	1	2	7	25	25	13	13	17	****	****	25	22	24	26	26	29	32	27	24	15
5	14	11	6	2	3	19	45	48	32	24	18	16	18	17	15	20	24	28	25	19	22	21	4	6	19
6	13	5	5	5	5	22	21	10	8	7	5	5	4	****	3	3	3	3	2	2	2	2	2	1	6
7	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	0
9	5	9	5	3	2	3	4	1	3	4	2	8	8	8	10	10	12	16	14	25	26	27	23	18	10
10	12	5	5	5	11	24	30	34	12	10	****	9	11	11	7	3	2	1	1	1	1	1	1	2	9
11	0	0	2	2	18	15	14	12	3	0	1	1	1	0	16	-	24	27	26	34	38	36	49	37	15
12	40	29	19	16	22	32	92	66	30	23	21	18	18	****	22	25	27	25	27	23	21	21	17	11	28
13	9	8	9	14	16	42	61	39	19	17	15	15	15	15	19	18	14	18	26	18	12	10	8	5	18
14	3	3	3	5	10	7	4	2	2	2	1	1	1	1	1	0	0	0	0	1	1	1	0	1	2
15	0	1	0	0	0	1	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	1
16	11	4	0	0	0	0	1	6	13	7	2	5	10	8	11	6	0	1	6	15	5	7	7	4	5
17	2	0	0	4	5	19	27	25	19	11	2	1	3	3	8	16	11	8	12	10	8	4	2	0	8
18	1	1	0	1	5	27	55	40	13	8	7	3	3	****	****	0	0	0	0	****	0	0	0	0	8
19	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	3	2	2	5	5	6	1
20	6	9	5	14	20	24	53	46	44	29	24	15	12	****	****	18	****	8	14	16	5	12	16	21	20
21	10	12	13	11	15	33	51	40	28	17	7	1	0	0	0	0	1	1	1	0	****	0	1	0	11
22	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	6	9	9	7	11	6	9	15	20	24	39	44	45	39	29	19	14
24	10	6	5	4	5	11	29	76	52	24	****	20	22	18	20	20	28	31	33	33	35	34	26	17	24
25	18	17	27	31	34	48	60	47	42	30	22	19	18	19	21	16	0	0	0	0	0	3	8	14	21
26	1	0	0	0	0	1	7	8	3	0	0	0	****	5	9	2	0	4	14	8	20	16	18	19	6
27	21	13	15	17	16	21	30	67	53	29	22	24	23	19	20	21	19	24	29	30	32	37	38	27	27
28	20	23	21	7	12	28	44	47	38	32	28	27	28	33	35	34	26	28	35	39	32	19	19	8	28
29	4	5	7	4	9	7	15	7	9	13	15	14	14	10	8	11	18	25	24	25	27	27	32	15	14
30	27	25	7	4	4	4	10	12	13	10	7	12	13	12	11	10	12	14	7	29	7	1	1	0	11
MEAN	9	7	6	6	8	14	24	23	17	12	9	9	10	9	10	10	10	12	13	15	14	13	12	9	11.6

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.1 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	2	2	0	1	8	5	****	24	37	31	35	34	18	31	19	6	4	11
2	6	5	0	0	0	0	3	6	10	11	32	24	26	31	31	32	27	24	23	20	16	12	8	6	15
3	3	2	2	2	6	23	29	24	35	33	33	30	29	22	17	12	4	8	7	2	5	9	13	5	15
4	0	0	0	0	0	28	50	52	37	30	44	19	5	****	****	3	2	3	2	2	3	4	5	5	13
5	3	1	6	5	0	****	6	8	14	10	20	24	14	2	0	1	4	3	1	1	0	0	1	0	5
6	0	0	1	1	2	4	11	11	12	6	13	19	20	18	17	17	12	15	12	9	7	9	12	9	10
7	7	5	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
8	1	-	1	1	1	1	2	2	1	0	0	0	0	10	2	3	2	13	36	34	21	26	17	10	8
9	5	2	2	3	1	0	1	2	1	1	-	****	1	****	27	0	1	1	5	7	6	6	9	12	4
10	12	10	-	19	32	****	36	58	59	35	30	29	29	33	38	41	43	24	5	12	5	3	10	3	26
11	5	4	4	13	9	21	25	16	16	27	20	24	25	31	****	****	****	30	28	23	22	13	7	5	18
12	4	1	0	1	7	17	28	33	14	****	11	6	4	8	14	11	16	35	32	17	0	0	0	0	11
13	4	1	0	2	2	2	6	10	9	5	1	0	0	0	0	0	0	1	1	0	0	0	1	4	2
14	5	3	1	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	11	10	5	4	2
15	3	1	1	1	2	9	8	-	20	****	19	15	7	****	****	****	****	****	****	****	****	****	****	****	******
16												-	OATA	INVALIO	-										
17												-	OATA	INVALIO	-										
18	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	38	51	48	46	49	55	53	43	31	******
19	21	10	4	2	1	13	30	36	29	27	****	35	38	34	43	-	-	33	31	24	17	13	14	16	22
20	18	19	14	12	11	17	34	40	34	24	30	33	36	37	37	39	41	35	38	28	30	27	31	31	29
21	35	30	23	19	17	18	20	23	26	26	22	29	37	45	48	54	57	61	56	57	61	68	70	57	40
22	41	34	34	32	37	59	80	87	74	59	****	****	****	****	****	20	24	28	18	13	16	16	17	6	37
23	2	0	0	1	6	16	27	33	34	21	9	10	16	15	8	15	12	10	11	10	10	13	10	7	12
24	3	2	1	0	0	4	8	10	8	7	9	8	2	0	0	1	1	0	0	0	****	-	****	****	3
25	****	****	****	****	****	0	3	4	2	0	0	0	0	****	0	1	0	0	0	0	0	2	2	2	1
26	2	2	3	2	2	3	3	4	4	2	2	1	0	-	0	0	0	0	0	0	1	1	1	1	1
27	1	1	1	0	0	0	12	34	26	19	11	21	22	27	30	29	22	24	17	16	8	6	8	8	14
28	8	8	4	2	1	2	3	5	4	4	2	1	1	0	0	0	4	6	1	0	0	0	0	0	2
29	0	0	0	0	****	****	0	0	2	0	0	****	****	1	1	2	3	3	3	2	2	2	6	27	3
30	20	12	7	6	8	13	38	57	40	40	39	31	27	30	31	32	40	48	53	39	24	13	12	11	28
31	6	3	2	1	2	4	23	43	44	35	28	24	22	23	26	30	34	34	27	20	20	30	29	13	22
MEAN	8	6	4	5	6	10	18	22	20	16	15	16	14	17	16	16	17	19	17	15	14	13	13	10	13.6

PERCENTAGE OF DATA VALID - 84.8 PERCENTAGE OF DATA INVALID - 13.7 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	12	8	9	19	50	75	65	41	28	23	24	****	****	58	61	29	35	31	22	14	4	6	29
2	3	1	1	2	2	2	7	22	25	11	2	6	14	8	8	15	23	17	21	26	12	2	2	1	10
3	4	6	12	16	13	12	20	28	32	26	12	9	20	21	5	6	6	6	1	2	3	2	5	-	12
4	5	3	1	0	0	1	2	3	2	1	1	1	1	1	1	1	4	3	4	26	52	41	24	38	9
5	34	30	30	23	24	55	88	****	84	44	30	26	25	23	****	****	52	59	44	31	31	38	45	42	41
6	18	14	10	7	7	32	36	58	85	79	40	58	56	55	52	72	66	54	48	37	29	15	11	6	39
7	3	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	1	3	1	3	2	4	1	1
8	12	11	8	6	4	-	****	26	28	22	18	20	****	15	10	13	17	3	4	7	5	8	2	6	12
9	15	11	28	32	30	36	34	35	****	****	64	56	46	37	33	43	36	29	36	-	19	15	19	23	32
10	15	3	2	0	0	0	0	1	1	0	0	0	1	1	1	1	2	2	2	1	0	0	0	0	1
11	0	0	-	0	0	0	8	18	16	17	11	5	-	0	0	0	0	0	1	3	9	6	11	10	5
12	3	0	0	-	2	1	2	6	7	3	2	2	1	3	5	36	50	48	41	28	37	33	28	24	16
13	15	14	11	13	4	1	3	6	8	5	2	1	1	0	****	****	2	10	18	12	8	2	1	3	6
14	1	1	0	1	2	2	3	5	9	3	1	0	0	0	1	2	3	6	5	2	1	3	7	12	3
15	12	22	18	13	9	15	43	67	60	49	40	29	28	****	26	14	8	8	9	8	5	0	0	0	21
16	0	0	0	1	1	2	5	12	10	5	3	10	5	6	6	11	21	28	21	23	11	5	5	4	8
17	3	3	1	0	0	0	0	3	10	10	4	1	1	1	1	1	2	5	5	14	29	48	57	35	10
18	49	39	29	18	13	14	15	53	39	35	24	15	16	20	23	25	31	29	28	27	23	25	25	20	26
19	9	4	2	2	4	7	29	57	52	47	41	41	38	33	****	54	60	43	44	34	27	29	28	33	31
20	15	8	7	11	18	24	33	63	45	11	2	3	2	2	2	2	2	3	2	1	1	0	0	0	11
21	0	0	0	0	0	10	29	58	58	39	31	29	25	****	24	29	26	-	17	13	13	13	15	17	20
22	13	12	8	10	13	16	37	48	42	41	39	40	30	37	43	44	38	30	30	26	20	21	26	25	29
23	-	10	7	7	9	9	26	43	48	42	31	33	29	30	33	43	41	42	22	27	48	45	-	43	30
24	37	38	14	2	1	1	1	1	1	1	-	1	1	3	5	5	9	20	33	24	13	****	21	25	12
25	31	37	32	39	41	21	28	32	29	26	18	17	19	16	11	11	11	11	13	12	9	8	8	7	20
26	4	2	2	2	2	6	19	33	31	24	18	16	11	5	****	****	7	5	2	1	1	1	1	1	9
27	0	0	0	0	0	0	9	16	18	10	9	7	8	8	6	9	26	31	23	16	6	6	26	9	10
28	12	8	4	4	5	9	7	1	1	0	0	0	0	0	1	2	8	4	4	5	3	1	2	0	3
29	0	0	0	****	0	1	4	3	4	1	0	0	0	0	****	1	-	****	8	7	2	6	4	3	2
30	4	4	3	2	2	2	4	10	13	8	5	1	0	3	2	2	3	4	8	7	9	9	4	4	5
MEAN	11	10	8	8	7	10	19	27	28	21	16	15	14	12	12	19	21	19	18	16	15	14	13	14	15.3

PERCENTAGE OF DATA VALID - 95.7 PERCENTAGE OF DATA INVALID - 2.8 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	3	2	5	6	8	9	11	20	14	15	20	20	11	8	****	3	1	0	0	1	1	1	1	7
2	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	2	7	9	5	5	14	9	22	4
3	13	9	8	6	8	12	19	45	45	25	11	****	11	12	15	18	****	22	17	13	5	2	2	2	15
4	1	1	0	1	3	5	9	16	23	18	7	1	0	0	0	1	2	3	1	1	7	15	11	13	6
5	13	7	8	7	5	4	15	34	40	31	28	28	24	12	6	11	10	9	12	9	8	6	7	8	14
6	3	1	1	0	1	3	13	33	29	24	13	16	18	12	13	6	5	6	5	7	4	4	10	9	10
7	8	5	6	8	5	10	34	69	66	41	21	17	17	17	20	27	31	28	18	12	9	8	3	3	20
8	2	0	0	0	0	0	1	2	2	1	1	0	0	0	0	0	1	2	****	2	1	1	1	1	1
9	3	7	2	1	1	1	1	3	5	5	5	11	8	9	12	9	8	7	5	5	1	0	0	0	5
10	0	1	1	5	7	8	11	44	65	67	39	****	29	31	29	33	37	35	29	24	28	34	24	13	26
11	6	4	3	1	1	2	10	23	27	23	18	13	13	14	14	23	25	20	13	11	10	7	3	2	12
12	1	1	1	1	1	3	4	1	3	2	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1
13	0	0	1	2	3	4	17	25	29	16	21	****	17	5	2	28	8	15	27	18	18	13	1	0	12
14	0	0	1	1	8	9	9	13	12	5	1	1	0	****	****	1	1	1	1	2	1	0	2	2	3
15	5	13	17	9	7	8	18	32	36	21	18	16	15	15	17	20	23	33	45	30	27	21	12	11	20
16	12	15	11	7	3	3	4	6	7	7	9	10	10	5	2	0	0	1	1	2	2	2	2	2	5
17	2	2	2	3	2	2	3	6	10	10	19	****	6	2	2	1	1	3	2	2	1	1	1	1	4
18	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	12	30	17	37	32	29	24	22	22	10
19	10	4	5	6	5	8	11	12	11	11	14	14	13	17	19	21	20	9	15	19	16	16	15	6	12
20	13	4	3	4	4	4	7	22	27	21	26	28	31	42	42	50	59	74	82	40	35	31	58	83	33
21	77	****	77	37	15	24	53	****	****	****	53	38	35	37	42	43	53	53	64	63	45	41	27	23	45
22	19	20	13	8	3	4	9	10	12	17	21	25	29	31	36	38	39	32	33	33	29	25	25	27	22
23	22	21	21	16	9	7	8	8	12	19	24	27	23	28	31	38	25	12	16	19	10	28	41	35	21
24	38	14	13	22	22	26	32	24	20	19	16	17	16	14	15	14	15	13	14	14	11	14	9	9	18
25	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0	1	0	0
27	0	0	0	0	0	0	0	0	1	0	****	****	0	0	0	1	2	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	2	3	0	0	1	0	1	1	1	1	2	3	3	5	6	2	1
29	1	3	1	1	1	2	3	2	3	2	1	1	1	1	1	2	2	2	1	2	1	1	1	1	2
30	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	4	3	1	1	2	0	2	1
31	7	23	33	17	16	11	6	7	9	5	9	11	4	1	1	1	11	28	37	45	38	27	21	-	16
MEAN	9	5	7	5	4	6	10	15	17	14	13	11	11	11	11	13	14	14	16	13	11	11	10	10	10.9

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	6.2	25	63
FEB	26	10.1	36	76
MAR	30	12.7	31	62
APR	29	10.3	25	65
MAY	31	11.6	28	66
JUN	30	11.8	28	52
JUL	31	10.5	30	72
AUG	29	11.9	27	76
SEP	30	11.6	28	92
OCT	27	13.6	40	87
NOV	30	15.3	41	88
DEC	31	10.9	45	83
YEAR	355	11.4	45	92

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 34007 BATHURST/WILSON, NORTH YORK

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	485	110	86	39	8	1	5	734
FEB	342	68	89	57	25	19	9	609
MAR	332	82	113	102	66	22	7	724
APR	389	57	96	82	43	14	8	689
MAY	306	85	194	110	25	12	5	737
JUN	282	71	213	109	28	8	1	712
JUL	312	142	153	88	30	10	3	738
AUG	301	90	136	121	37	8	6	699
SEP	324	84	144	92	35	14	11	704
OCT	293	70	90	75	65	16	22	631
NOV	287	89	100	87	55	38	33	689
DEC	371	88	127	71	40	14	17	728
YEAR	4024	1036	1541	1033	457	176	127	8394

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
95.8	0	0.0	1.3	5.8	14.9	28.8	36.6	46.5	55.3	92	11.4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	1	2	3	3	3	2	2	2	2	2	3	3	2	1	1	0	1	1	1	1	2
2	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1
3	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	4	5	5	8	3	2	1
6	1	1	2	2	3	3	3	2	3	2	2	1	1	1	1	1	1	1	0	0	0	0	0	0	1
7	0	0	0	1	3	3	1	1	1	2	2	1	2	3	3	3	2	1	2	2	1	2	2	1	2
8	0	1	1	3	1	3	7	9	6	5	3	1	1	1	1	1	1	1	1	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	1	1	****	1	1	1	0	0	1	1	1	2	0
10	2	2	1	1	1	0	0	3	3	2	1	0	0	1	0	0	1	2	4	10	16	4	2	1	2
11	1	2	7	7	7	10	25	39	61	43	7	2	1	1	1	1	2	11	29	42	29	32	28	29	17
12	31	14	9	12	12	13	18	21	23	26	19	2	1	1	1	2	3	5	10	23	37	68	61	44	19
13	35	27	18	10	6	4	3	3	3	3	4	4	4	3	3	3	3	2	1	1	1	1	1	2	6
14	3	3	3	3	2	2	1	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2
15	0	0	0	0	0	0	0	0	0	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	3	4	5	3	2	1	1	1	1	3	11	15	8	6	8	14	26	5
17	31	13	11	18	20	14	2	2	3	2	2	2	3	5	5	5	7	11	11	3	1	0	0	0	7
18	0	0	0	0	0	0	0	1	3	1	1	1	1	1	1	1	1	2	2	2	2	2	2	4	1
19	8	5	3	1	1	4	10	18	18	21	19	17	27	****	15	4	3	3	8	7	7	8	8	6	10
20	5	4	3	2	2	1	1	3	6	4	3	3	4	6	9	6	8	6	7	6	7	6	3	2	4
21	2	1	1	1	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	2	2	1
22	2	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1
23	0	0	0	0	0	0	0	0	1	1	2	2	1	1	2	1	2	2	2	2	2	2	2	2	1
24	2	1	1	1	1	1	2	4	3	2	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
25	1	1	1	1	0	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	7	8	8	5	5	6	4	2	2	3
28	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	0	0	0	1
30	0	1	1	1	0	0	0	2	4	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
31	1	1	1	1	0	0	0	2	2	****	****	2	1	1	1	1	1	1	1	1	1	1	1	0	1
MEAN	4	3	2	2	2	2	3	4	5	5	3	2	2	2	2	2	2	3	4	4	4	5	5	4	3.1

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1
2	1	1	0	0	0	0	1	2	4	2	1	1	1	1	1	****	2	2	6	2	4	7	14	10	3
3	16	13	16	8	7	13	13	16	16	18	13	11	3	1	1	1	1	1	0	0	2	2	1	2	7
4	4	4	3	3	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	1	1	1	1	1	1	2	3	2	1	1	1	1	****	1	1	1	3	6	1	0	1	1	1
6	0	1	1	1	1	3	11	26	47	32	17	13	5	1	1	1	2	2	2	7	10	8	14	19	9
7	46	47	41	30	25	24	20	10	6	2	1	2	1	1	2	2	2	3	2	5	6	7	6	2	12
8	2	2	1	1	1	1	1	1	2	1	1	1	1	****	1	1	1	1	1	2	2	1	0	0	1
9	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	4	12	11	11	3	10	5	3
10	2	0	0	0	0	2	3	9	19	8	5	2	1	1	0	0	0	0	0	0	0	0	0	0	2
11	1	0	1	0	0	0	1	1	1	1	1	1	1	1	2	2	1	1	2	10	31	31	28	14	6
12	10	9	8	10	7	4	9	15	29	21	16	12	9	****	6	6	7	7	7	2	0	1	1	1	9
13	0	0	0	0	0	0	0	1	2	1	5	1	1	1	1	1	1	1	2	3	2	1	2	2	1
14	1	1	1	1	1	1	3	4	5	5	5	7	5	5	5	4	4	2	1	2	5	4	3	2	3
15	0	1	1	1	0	0	1	2	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	0	0	0	0	0	1	2	2	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	2	2	1	0	1	2	0
18	2	2	3	1	1	1	3	5	6	5	1	1	1	1	1	0	1	0	1	0	0	0	0	0	2
19	0	0	2	5	3	4	4	10	13	5	2	5	****	****	2	3	1	2	3	16	3	1	1	1	4
20	1	1	1	0	0	0	0	0	1	1	1	2	2	1	1	1	1	1	1	0	0	0	1	2	1
21	13	5	3	2	8	7	8	15	28	14	9	12	5	2	1	1	1	1	1	1	1	1	1	1	6
22	1	1	1	1	1	1	1	1	2	2	0	0	1	****	****	1	1	2	5	5	4	1	0	0	1
23	0	0	0	0	0	0	0	1	2	3	3	4	5	5	5	10	16	11	11	4	6	3	0	1	4
24	2	8	2	1	1	1	1	4	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	4	4	1	1	1	1	1	1	1	2	3	2	1	0	0	0	0	1
27	0	0	0	0	0	0	0	1	2	1	1	1	1	1	****	1	1	2	2	3	1	1	2	1	1
28	2	1	1	2	1	1	1	2	10	28	12	5	1	2	****	****	****	****	11	25	28	29	32	26	11
MEAN	4	4	3	2	2	2	3	5	8	6	4	3	2	1	1	2	2	2	3	4	4	4	4	3	3.3

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	36	22	2	2	1	0	1	4	4	3	1	1	1	****	2	3	3	5	6	6	9	11	4	1	6
2	1	1	1	1	1	1	1	3	8	5	4	3	2	1	1	1	1	4	6	3	3	5	4	6	3
3	5	1	0	0	0	0	1	2	4	3	3	3	2	1	2	3	2	1	3	1	1	2	1	1	2
4	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	6	8	7	5	3	5	4	4	2
5	3	1	4	1	0	1	0	0	0	0	0	0	0	****	1	1	0	1	0	1	1	1	0	****	1
6	****	1	1	1	1	1	1	2	1	4	2	2	1	1	1	1	1	1	0	0	0	0	0	0	1
7	0	0	1	2	1	1	10	35	49	24	4	1	1	****	****	****	****	****	****	****	10	13	16	36	12
8	35	21	4	0	0	0	3	10	12	6	1	0	1	1	1	1	1	1	1	0	0	0	0	1	4
9	0	1	1	1	1	2	5	17	22	19	2	4	2	****	****	2	5	2	1	4	7	8	4	3	5
10	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	5	1
13	9	4	2	1	1	1	1	2	2	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0
15	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0
16	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2	1	4	1
17	9	9	6	4	4	4	2	3	4	2	1	1	1	****	****	****	****	****	****	5	10	11	7	10	5
18	19	20	16	9	5	3	3	9	6	3	2	2	2	2	2	2	2	2	1	2	5	7	2	3	5
19	1	1	1	1	5	9	9	18	11	3	1	1	1	1	1	2	2	4	3	3	7	20	18	24	6
20	26	18	9	4	3	5	5	12	12	9	3	1	3	****	2	2	2	3	2	7	14	13	6	5	7
21	5	1	0	1	1	1	2	11	25	22	12	3	1	0	0	1	2	2	1	2	9	28	32	36	8
22	30	15	6	4	1	0	1	4	5	7	9	4	3	1	1	1	0	1	2	5	9	13	13	13	6
23	28	33	24	18	12	10	13	26	35	16	6	2	1	****	1	1	1	7	10	5	1	1	1	1	11
24	1	2	1	1	1	1	1	1	1	1	1	2	3	6	9	9	3	3	7	11	8	5	3	3	4
25	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1
26	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1
27	0	0	0	0	0	0	1	1	1	1	0	0	****	****	1	1	1	1	1	1	1	2	2	3	1
28	2	2	2	1	1	2	4	7	5	3	2	2	1	1	1	1	2	3	3	3	5	2	3	2	3
29	1	1	2	2	3	3	2	2	2	2	2	2	3	3	2	3	3	4	6	8	9	10	10	7	4
30	5	3	1	1	1	1	2	4	7	11	13	14	11	****	6	6	10	7	9	35	45	44	22	11	12
31	1	1	1	3	3	5	1	2	2	2	2	1	1	1	2	1	1	1	0	0	0	0	0	0	1
MEAN	8	5	3	2	2	2	2	6	7	5	3	2	2	1	1	2	2	2	3	4	5	7	5	6	3.6

PERCENTAGE OF OATA VALIO - 96.6 PERCENTAGE OF OATA INVALIO - 3.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	2	8	10	12	16	6	2	2	3	3	1	1	1	1	1	1	0	3
3	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	2	2	2	1	2	2	8	10	1
4	8	5	5	3	2	3	8	13	10	3	2	1	0	0	****	****	1	1	1	0	0	0	0	0	3
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0
7	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	2	1	0	0	2	1
8	2	2	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
9	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	2	1	1	4	4	5	7	1
10	1	0	0	0	0	0	1	2	1	1	0	0	0	****	****	1	2	2	4	3	8	3	5	5	2
11	6	5	2	2	2	4	15	11	4	2	1	1	1	1	1	1	2	2	3	6	5	1	2	1	3
12	1	0	0	0	0	0	0	1	1	1	1	1	2	2	1	1	2	2	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	4	6	5	6	10	7	1	2
15	2	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0
16	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
17	0	0	0	0	1	0	0	2	1	0	0	1	1	1	1	2	2	1	1	2	2	1	1	1	1
18	0	1	0	0	0	0	0	0	0	0	0	1	1	****	0	1	1	2	1	1	1	1	0	0	0
19	0	0	0	0	0	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
20	0	0	0	0	1	1	5	14	19	5	1	4	****	3	4	2	2	2	2	8	11	9	21	29	6
21	19	20	24	26	28	22	14	6	3	2	3	2	1	1	1	1	2	3	3	7	6	10	15	9	10
22	10	11	4	5	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	2	2	2	3
23	4	1	1	1	0	2	8	5	3	4	5	2	1	1	2	2	2	4	5	9	12	12	4	7	4
24	9	5	1	3	2	4	3	8	25	26	9	4	2	****	3	4	3	1	1	1	1	0	0	3	5
25	6	3	9	5	3	0	0	1	6	4	9	10	6	1	3	2	2	9	3	2	1	2	2	2	4
26	4	8	4	2	3	1	1	4	3	1	0	0	0	0	0	0	1	4	4	2	0	0	0	0	2
27	2	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
28	1	1	0	0	0	0	0	1	1	1	2	2	2	2	6	2	2	1	3	3	7	9	6	3	2
29	2	1	1	1	0	0	0	0	0	0	0	0	1	1	2	2	1	1	1	1	2	3	3	4	1
30	2	4	4	3	1	2	8	6	4	3	4	4	4	2	2	3	1	1	1	1	1	0	0	0	3
MEAN	3	2	2	2	2	2	2	3	3	2	2	2	1	1	1	1	1	2	2	2	3	2	3	3	2.1

PERCENTAGE OF OATA VALIO - 99.0 PERCENTAGE OF OATA INVALIO - 1.0 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	0	0	0	1	****	0	1	1	1	0	1	4	6	5	1	2	1
2	5	5	4	4	3	8	11	14	2	2	2	5	2	2	2	1	1	4	7	8	8	2	1	1	4
3	0	0	1	1	0	0	2	4	4	4	5	5	6	4	6	12	14	10	2	1	0	0	0	0	3
4	0	0	0	0	1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	0	0	1	1	1	0	0	0	0	0	1	1	1	2	2	1	1	1	1	0	0	0	1
6	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	2	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	3	4	2	10	17	21	17	5	2	****	****	1	1	1	0	0	2	10	7	6	9	7	6
9	3	1	0	0	5	10	16	21	8	2	0	0	0	0	1	1	1	1	0	0	0	0	3	9	3
10	3	3	2	1	5	5	15	11	2	1	1	1	****	1	1	0	0	1	2	4	2	3	2	3	3
11	4	6	2	1	0	1	4	10	4	3	2	2	1	1	1	1	1	0	0	1	1	1	1	3	2
12	3	2	1	3	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	9	1	1
14	2	2	1	0	0	2	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2	2	1
15	2	0	0	0	0	1	2	2	1	1	0	0	0	1	1	1	1	1	1	2	0	0	0	0	1
16	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	0	1	1	4	5	10	1
17	5	4	8	10	8	21	25	18	13	6	1	1	2	1	0	1	2	2	0	1	2	3	3	1	6
18	1	3	12	11	10	11	17	13	11	4	4	6	4	2	1	1	0	0	1	1	2	6	16	28	7
19	28	22	16	10	8	11	7	*2	1	1	0	0	0	0	0	0	1	1	1	3	3	4	7	9	6
20	6	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	10	6	2
21	5	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
22	1	1	0	0	1	4	4	5	2	1	1	0	0	0	0	0	0	0	0	1	1	2	2	0	1
23	0	0	0	0	1	10	8	5	2	2	2	****	2	2	1	1	1	1	1	3	3	2	1	1	2
24	0	0	0	0	0	3	4	1	1	1	1	0	0	1	1	1	2	1	1	2	1	3	4	0	1
25	0	0	0	0	0	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1
26	0	0	0	0	0	0	1	1	1	1	2	2	1	1	1	0	1	1	0	0	1	1	0	0	1
27	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0	1	1	2	4	9	7	1
28	4	3	3	1	1	3	1	2	1	1	1	1	1	1	0	2	3	1	2	1	2	2	1	1	2
29	4	4	2	3	4	5	8	11	5	2	2	1	0	1	1	1	1	1	0	0	1	5	6	6	3
30	6	8	2	1	1	5	5	6	4	1	0	0	1	1	1	1	1	0	0	0	0	2	4	18	3
31	14	9	8	5	5	11	20	15	13	2	1	0	0	1	1	1	0	0	1	1	4	6	11	30	7
MEAN	3	3	2	2	2	4	6	5	3	2	1	1	1	1	1	1	1	1	1	2	2	2	4	5	2.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	21	17	7	7	7	10	18	2	1	1	1	1	0	0	0	1	1	1	1	2	4	2	3	15	5
2	17	9	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	7	1
4	9	11	3	0	0	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5	0	0	0	0	0	0	2	1	0	1	0	****	0	0	0	0	0	0	0	0	0	0	0	1	0
6	0	1	1	2	5	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	2
7	1	2	2	2	3	11	15	16	10	5	3	2	1	1	1	1	1	1	1	1	1	2	6	7	4
8	7	5	1	1	1	2	2	2	3	2	1	****	****	0	0	0	0	0	0	1	1	1	2	1	2
9	3	2	4	6	3	6	9	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
10	2	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	7	3	1	
12	0	0	0	0	1	2	4	1	0	0	0	0	0	0	0	0	0	0	0	1	8	7	4	3	1
13	1	1	1	1	2	6	10	2	0	0	0	0	0	0	0	0	0	0	0	2	4	14	19	25	4
14	19	10	6	5	6	6	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	3
15	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	5	1	0
19	0	1	1	0	1	6	12	9	3	1	1	****	0	0	1	1	1	1	0	0	2	2	1	1	2
20	3	2	6	10	10	15	15	3	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	2	3
21	0	0	0	0	0	1	8	12	5	2	4	2	1	1	1	1	1	1	1	2	1	1	0	0	2
22	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	3	4	2	1	1	0	0	0	0	2	6	7	0	0	0	2	10	21	3
26	18	16	9	7	10	18	36	32	11	4	1	2	1	1	1	1	1	1	0	0	0	0	0	0	7
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
28	0	0	0	0	0	0	10	3	1	1	1	1	0	0	0	1	0	0	0	2	0	1	4	4	1
29	5	4	5	3	1	1	6	9	3	1	1	****	0	0	1	1	2	1	1	1	2	2	3	2	2
30	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	4	3	2	2	2	3	5	4	2	1	1	1	0	0	0	0	1	1	0	1	1	2	2	3	1.6

PERCENTAGE OF DATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - JUL 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	0
2	2	2	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1
3	0	0	0	0	0	3	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	1
4	5	2	0	1	3	5	11	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	6	1	1	1
6	1	0	1	2	2	6	8	4	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1
7	1	1	0	1	1	4	9	4	3	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	2
8	4	6	2	1	2	3	5	1	0	0	0	1	0	0	0	1	1	1	1	1	0	1	1	10	2
9	17	15	9	6	4	12	18	14	3	2	1	4	1	1	1	1	1	1	1	1	1	2	2	1	5
10	1	1	1	1	1	1	2	3	1	4	4	****	****	1	1	1	0	0	0	0	1	0	1	1	1
11	1	1	1	1	0	2	4	2	1	1	0	0	2	2	1	1	1	1	2	0	1	4	4	4	2
12	5	4	6	3	4	10	9	5	2	1	1	1	1	2	3	3	2	1	1	1	1	4	6	8	4
13	10	5	6	6	4	9	17	15	4	3	2	2	0	0	1	2	0	0	0	0	0	2	7	21	5
14	19	6	2	3	2	3	7	9	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	3
15	3	4	3	2	2	3	2	2	2	1	2	2	2	1	1	1	1	1	1	1	1	4	1	4	2
16	5	6	7	4	5	13	13	8	2	1	0	0	1	****	****	1	1	0	1	0	0	0	0	0	3
17	0	0	0	0	0	2	4	4	2	1	0	0	****	1	1	1	1	2	1	1	1	1	1	1	1
18	0	0	0	0	0	2	3	2	1	1	1	1	1	1	1	2	1	1	0	0	1	1	2	2	1
19	2	2	2	4	7	12	17	11	5	1	1	1	0	****	0	0	0	0	0	0	0	1	9	9	4
20	3	1	1	1	4	12	18	12	4	0	0	0	0	0	0	1	2	1	1	1	0	0	0	2	3
21	2	1	5	5	3	2	4	11	4	1	0	0	1	0	1	1	1	1	1	1	1	2	4	4	2
22	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	5	6	1
23	6	2	1	0	1	3	8	12	10	8	3	1	1	1	2	1	0	0	0	0	0	0	0	0	3
24	0	0	0	0	1	2	4	3	2	3	3	3	2	2	2	1	1	1	1	1	1	0	0	0	1
25	0	0	0	1	2	3	4	5	5	4	4	4	4	3	2	3	2	2	1	1	1	1	1	1	2
26	1	1	2	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	0	0	0	0	2
27	1	0	0	0	0	2	5	3	3	3	1	3	****	1	0	0	1	3	1	0	1	2	0	0	1
28	1	3	2	1	2	4	3	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	2
29	1	1	1	1	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	3	1
30	2	1	1	1	2	7	16	11	5	4	9	14	8	13	1	1	0	0	0	0	0	0	0	0	4
31	0	0	0	0	0	1	2	4	3	2	1	1	1	****	0	0	0	0	0	0	0	0	0	0	1
MEAN	3	2	2	2	2	4	7	5	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1.9

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAO, ETOBICOKE MONTH - AUG 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	2	4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	1	2	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	2	1
3	4	4	4	2	1	4	6	9	****	3	1	1	1	****	1	1	1	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	1	1	1	1	1	4	5	5	1
5	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	3	2	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	9	1
7	6	5	6	4	7	9	15	12	3	1	0	0	1	4	1	0	0	0	0	0	0	0	0	0	3
8	0	0	0	0	0	1	2	2	1	1	1	1	0	****	0	0	0	0	0	1	0	4	2	1	1
9	2	2	2	0	0	5	17	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2
10	1	0	0	0	0	1	1	3	6	2	1	****	****	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	2	4	13	27	2
13	18	8	6	5	8	14	30	33	6	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	1	10	7	8	1
16	4	4	2	2	3	8	14	7	4	2	0	0	1	0	0	0	1	0	0	1	2	9	8	7	3
17	5	5	3	4	4	9	32	26	7	2	3	0	0	0	****	0	0	0	1	2	1	1	0	0	5
18	0	0	0	0	0	0	0	0	0	1	2	3	2	3	3	4	2	3	4	8	10	9	8	8	3
19	10	12	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	6	4	2
20	3	1	1	0	1	2	5	5	5	6	2	1	1	1	4	18	10	0	2	3	4	6	13	21	5
21	10	5	1	2	3	6	16	18	13	6	3	2	10	6	2	1	0	3	6	1	6	4	1	1	5
22	1	0	0	0	1	8	20	14	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2
23	0	1	0	0	0	1	4	6	3	2	3	5	4	2	1	1	1	1	2	3	2	3	2	3	2
24	3	3	1	1	2	2	3	2	1	1	1	1	****	1	1	1	1	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
26	2	2	2	2	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
27	2	0	0	0	0	2	2	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
28	3	6	8	10	9	8	13	8	2	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
29	1	0	0	0	0	1	2	1	1	1	0	0	1	1	****	0	0	0	0	0	0	0	0	0	0
30	1	1	2	3	3	2	3	3	1	1	1	1	1	1	1	1	2	2	1	3	4	4	3	4	2
31	3	1	1	1	2	5	11	9	8	2	1	1	****	1	1	3	3	1	1	1	0	1	2	3	3
MEAN	3	2	1	1	1	3	7	6	3	1	1	1	1	1	1	1	1	0	1	1	1	2	3	4	1.9

PERCENTAGE OF OATA VALIO - 98.7 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	14	14	7	8	11	18	10	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
2	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
3	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
4	0	0	0	0	0	3	9	8	7	3	2	2	1	0	0	1	1	1	0	0	0	1	3	14	2
5	19	16	11	8	6	9	15	12	5	0	0	1	0	0	1	1	2	0	0	0	0	3	2	2	5
6	5	1	0	0	2	5	9	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	2	2	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	7	1
9	4	1	1	1	2	2	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
11	0	1	2	4	5	11	21	13	3	1	1	1	****	1	3	-	1	0	1	3	4	6	14	17	5
12	22	23	15	5	13	18	39	35	2	1	1	1	1	1	1	1	1	1	0	1	3	2	0	1	8
13	7	5	4	5	7	9	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
14	0	0	0	0	0	0	0	1	1	0	0	0	0	****	0	0	0	0	1	2	1	1	1	2	0
15	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	0	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	14	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
19	0	0	0	0	0	1	2	0	0	0	0	0	****	****	0	0	0	****	3	2	4	8	11	12	2
20	17	16	11	11	9	18	32	20	11	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
21	0	0	0	0	0	0	1	2	1	0	0	0	****	****	0	0	0	0	3	3	****	3	0	0	1
22	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
23	1	1	0	0	0	0	3	3	2	0	0	0	0	0	0	0	0	0	0	2	6	26	33	25	4
24	13	11	8	10	10	19	36	49	16	0	0	1	2	2	6	4	1	0	0	0	1	4	7	18	9
25	10	9	9	8	4	0	4	4	3	1	1	0	****	0	0	0	0	0	0	1	3	5	2	0	3
26	1	1	0	0	0	2	15	8	2	0	0	0	0	0	0	0	0	2	8	10	15	18	16	12	5
27	9	6	7	11	14	20	38	38	14	7	3	2	0	0	0	0	0	1	8	9	13	4	7	9	
28	6	7	17	17	17	18	23	15	6	4	1	1	****	2	3	3	0	0	4	9	7	4	2	3	7
29	3	6	5	7	4	5	6	7	4	0	0	0	1	0	1	0	0	0	0	0	2	7	8	8	3
30	5	4	4	3	2	2	2	1	2	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1
MEAN	5	4	4	3	3	5	11	8	3	1	0	0	0	0	1	0	0	0	1	1	2	3	4	4	2.7

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	0	0	0	0	0	2	9	15	6	2	2	1	0	1	2	2	1	2	2	5	16	20	10	6	4	
2	5	3	1	0	0	1	4	12	11	6	4	****	****	1	0	0	0	0	0	0	0	0	0	0	2	
3	0	0	0	0	0	0	2	3	2	2	4	3	3	1	1	1	0	0	0	0	0	0	0	0	1	
4	0	0	0	0	0	0	5	12	2	0	2	3	3	3	1	1	1	2	1	0	0	1	3	1	2	
5	0	0	0	0	1	1	4	5	3	0	0	0	****	0	0	0	3	1	4	2	1	1	0	0	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	
8	0	-	0	0	0	0	1	0	0	0	-	0	0	0	0	0	0	1	3	3	2	1	0	0	1	
9	0	0	0	0	0	0	1	1	0	1	-	****	0	0	0	0	0	1	4	5	6	6	6	5	2	
10	6	5	-	3	8	****	27	41	19	12	7	0	****	****	1	1	2	1	2	2	4	3	6	10	8	
11	6	2	0	0	0	0	11	24	16	8	7	5	7	2	****	1	2	1	0	0	0	0	****	****	4	
12	****	****	****	****	****	****	0	1	0	0	0	0	0	****	0	0	1	2	3	1	0	0	0	****	1	
13	****	****	****	****	****	****	****	****	****	****	0	****	****	0	0	0	0	0	0	0	0	1	2	2	******	
14	1	1	1	****	****	****	1	2	0	****	****	****	****	****	0	0	0	0	0	****	****	****	****	****	******	
15	****	****	****	****	****	0	1	-	1	****	****	****	****	0	0	1	1	2	3	3	6	6	5	12	******	
16	8	1	0	0	0	1	6	8	5	2	1	-	****	1	1	2	2	2	4	6	7	10	15	27	5	
17	17	11	7	4	10	17	22	-	-	27	38	29	28	27	28	23	15	19	26	33	17	26	31	23	22	
18	8	1	0	0	0	4	15	14	16	4	2	2	2	1	2	3	5	5	9	13	7	15	16	7	6	
19	0	1	1	0	****	0	3	3	3	4	2	2	5	****	4	-	-	7	4	2	0	0	0	0	2	
20	0	0	1	0	0	0	0	0	0	0	0	1	2	2	2	2	1	1	1	3	0	0	0	0	1	
21	0	0	0	0	0	0	0	0	0	0	1	2	2	2	3	3	3	3	2	1	1	1	0	17	2	
22	3	4	5	3	2	9	30	39	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
23	- DATA INVALID -																									
24	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	0	0	0	0	0	-	0	0	******	
25	0	0	0	0	0	1	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	3	7	4	1	0	0	0	-	0	0	1	1	1	1	0	0	1	1	1	
27	0	0	1	0	0	0	4	6	2	0	0	1	3	5	3	1	1	1	0	1	0	0	0	0	1	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	
29	0	0	0	1	0	0	1	2	2	3	3	1	1	1	1	2	3	6	4	3	2	3	6	5	2	
30	6	4	4	1	0	1	2	3	2	1	1	1	1	****	****	0	1	2	3	2	0	0	0	0	2	
31	0	0	0	0	0	0	2	9	5	3	2	1	2	2	1	1	3	4	5	7	5	3	6	9	3	
MEAN	2	1	1	0	1	1	6	8	4	3	3	2	3	2	2	2	2	2	3	3	3	4	4	5	2.8	

PERCENTAGE OF DATA VALID - 83.3 PERCENTAGE OF DATA INVALID - 14.9 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	0	0	0	3	3	5	6	4	****	3	2	0	1	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	6	7	3	2	6	6	2
3	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	1	1	0	0	***	0	0	1	2	1	0	0	0	0	0	0
5	0	0	1	2	1	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	4	4	2	1	1	0	0	0	1	2	4	3	2	1	1	1	1	1
7	1	1	1	0	0	0	2	2	7	7	1	0	0	***	1	1	0	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	1	14	9	0	0	2	2	2	2	4	3	2	3	4	7	4	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	1	3	4	2	0	0	1	2	3	4	5	6	6	6	3	0	1	2
14	1	0	0	0	0	0	0	1	3	0	0	0	0	****	****	0	0	0	0	0	0	1	0	0	0
15	0	0	0	0	0	0	0	3	4	4	3	2	2	1	1	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
17	0	0	0	****	0	0	1	6	13	10	4	0	0	0	0	0	0	0	0	****	****	****	****	0	2
18	0	0	****	****	0	0	0	1	1	0	***	1	0	****	****	3	6	10	12	5	6	5	3	0	3
19	0	0	0	0	0	0	2	1	1	1	2	1	1	1	1	1	2	3	5	4	3	2	2	3	2
20	2	2	1	0	0	0	1	4	5	6	5	6	7	6	****	10	15	23	36	46	55	35	30	34	14
21	39	34	19	19	16	19	27	39	68	70	47	43	1S	3	2	4	8	9	11	10	11	13	12	5	23
22	4	2	2	1	0	0	0	1	1	2	3	4	4	4	3	6	9	10	8	9	7	14	12	13	5
23	10	8	8	5	3	5	4	3	3	5	5	4	3	1	1	1	1	0	1	1	1	2	4	14	4
24	9	2	1	5	5	8	10	7	3	2	2	2	2	2	2	2	2	2	2	2	1	2	3	3	3
25	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0
28	0	0	0	0	0	0	0	6	3	0	0	0	0	****	0	0	0	1	1	0	1	1	1	0	1
29	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	5	11	7	3	5	6	2
31	6	4	6	4	4	3	5	11	11	2	0	0	0	0	0	0	0	1	3	6	3	18	16	-	4
MEAN	2	2	1	1	1	1	2	3	5	4	3	2	1	1	1	1	2	3	3	4	4	4	3	3	2.4

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 2.7 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	2	0	0	0	0	2	10	10	6	1	1	3	5	5	15	22	17	9	1	0	0	0	0	5
2	0	0	0	0	0	0	0	1	2	2	0	0	0	0	****	0	0	1	1	1	2	8	7	10	2
3	13	8	6	4	3	3	9	11	5	2	0	0	0	0	0	0	0	0	1	1	1	0	0	-	3
4	0	0	1	0	2	1	1	1	1	0	0	0	0	0	0	0	0	3	10	12	13	15	25	34	5
5	30	28	13	11	15	22	26	49	68	38	5	6	2	1	2	3	5	5	3	1	1	5	9	28	16
6	29	26	19	12	11	15	20	32	48	49	30	24	13	****	****	10	15	18	22	32	42	41	22	9	25
7	4	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2	2	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	2	3	7	13	16	15	12	3
9	10	17	13	7	13	26	30	59	76	45	14	6	2	3	3	5	6	4	4	-	2	1	2	4	15
10	2	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	1
11	0	0	-	0	1	0	1	5	5	3	1	0	-	0	0	0	0	0	0	3	1	0	3	5	1
12	3	1	0	-	0	0	3	6	3	2	2	2	1	1	1	0	1	3	5	7	25	32	24	27	6
13	32	28	24	18	11	9	13	16	13	10	8	5	2	1	0	0	1	13	14	26	16	8	7	10	12
14	7	4	3	3	3	2	6	15	11	2	0	0	****	****	2	2	2	4	3	2	7	11	8	6	5
15	8	7	4	2	0	0	2	4	4	5	5	2	1	2	1	2	4	6	7	7	6	0	0	0	3
16	0	0	0	0	0	0	4	10	5	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	6	9	14	21	17	18	24	5
18	29	18	20	19	9	7	4	7	18	24	15	3	1	3	1	1	3	2	2	5	2	3	2	0	8
19	0	0	0	0	0	1	2	4	4	5	5	8	7	8	10	9	8	6	8	10	11	5	6	6	5
20	3	1	4	3	3	5	6	3	1	1	0	0	****	****	0	1	4	1	1	2	3	1	0	0	2
21	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	1	-	0	0	1	1	2	2	0
22	3	3	2	1	2	2	7	11	13	9	16	4	0	0	0	5	8	6	2	1	0	0	0	0	4
23	-	0	0	0	3	2	6	12	9	10	4	3	3	3	-	2	10	23	7	3	21	20	17	19	8
24	12	-	2	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	****	3	4	1
25	5	10	15	22	27	28	22	28	30	24	11	3	1	1	0	0	0	0	0	0	0	0	0	0	9
26	0	0	0	0	0	0	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	1	5	5	5	5	1
28	4	3	2	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	0
MEAN	7	5	4	4	3	4	6	10	11	8	4	2	1	1	1	2	3	4	4	5	6	7	6	7	4.9

PERCENTAGE OF DATA VALID - 96.4 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 1.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.1	19	68
FEB	28	3.3	12	47
MAR	31	3.6	12	49
APR	30	2.1	10	29
MAY	31	2.3	7	30
JUN	30	1.6	7	36
JUL	31	1.9	5	21
AUG	31	1.9	5	33
SEP	30	2.7	9	49
OCT	25	2.8	22	41
NOV	30	4.9	25	76
DEC	31	2.4	23	70
YEAR	359	2.7	25	76

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35003 ELMCREST ROAD, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	649	40	24	13	6	3	3	738
FEB	560	42	36	13	4	4	0	659
MAR	598	60	35	14	9	3	0	719
APR	646	44	15	8	0	0	0	713
MAY	652	51	28	8	0	0	0	739
JUN	641	41	19	3	2	0	0	706
JUL	674	38	23	1	0	0	0	736
AUG	659	52	17	4	2	0	0	734
SEP	592	52	48	6	7	1	0	706
OCT	534	42	25	14	4	1	0	620
NOV	521	68	56	34	6	6	3	694
DEC	640	46	22	3	6	3	3	723
YEAR	7366	576	348	121	46	21	9	8487

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT								MAX	ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99		
96.9	0	0.0	0.0	0.4	1.4	6.8	12.3	21.9	29.1	76	2.7

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	13	13	13	12	14	15	12	14	10	5	3	1	1	1	5
3	1	0	0	0	0	1	1	3	7	5	5	****	3	3	3	3	2	2	1	1	1	1	1	1	2
4	0	0	0	0	0	0	0	2	3	3	1	2	27	45	49	26	32	28	31	14	8	21	11	16	13
5	2	1	0	0	0	0	1	3	5	4	2	2	5	3	5	6	8	6	11	11	11	6	6	10	5
6	10	9	7	6	5	4	4	11	7	7	4	2	1	1	1	0	1	1	0	0	0	1	1	5	4
7	5	3	4	5	3	2	5	6	7	9	8	7	****	12	8	16	13	11	11	9	7	7	8	8	8
8	5	2	3	4	3	7	14	24	23	17	13	11	7	6	7	7	8	11	4	3	2	2	1	1	8
9	1	1	0	0	0	0	0	1	2	2	2	2	2	2	3	4	4	5	3	4	3	3	5	6	2
10	4	4	3	3	3	4	7	19	11	6	4	3	3	4	7	8	12	12	18	22	19	12	10	8	9
11	5	4	4	4	9	14	35	61	65	38	6	3	5	8	6	4	9	11	22	38	25	26	29	29	19
12	29	22	9	8	11	13	20	38	45	29	****	3	2	4	4	5	7	7	9	11	8	7	33	59	17
13	48	37	21	14	9	7	2	5	8	9	7	6	3	3	3	4	4	2	1	1	1	1	1	2	8
14	4	4	4	6	2	3	3	2	4	1	1	1	2	3	3	3	2	4	5	6	3	2	3	1	3
15	0	0	0	0	0	1	4	3	4	3	2	****	2	2	2	3	5	4	1	2	1	1	1	1	2
16	1	0	1	1	3	3	6	16	20	15	13	11	11	12	11	10	****	****	****	****	****	****	****	****	8
17	****	****	****	****	****	****	****	****	****	****	****	****	****	8	8	19	28	39	40	13	3	2	2	1	******
18	1	1	1	1	1	****	4	10	13	8	8	8	8	8	9	****	11	13	13	13	9	9	11	13	8
19	12	15	11	6	5	9	23	37	44	44	****	53	30	25	15	****	4	3	14	22	20	2	1	1	18
20	1	1	2	5	4	3	6	11	12	13	14	14	15	19	18	17	17	14	17	17	18	****	11	8	11
21	7	5	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	5	5	5	****	****	******
22	****	****	****	****	****	****	****	****	15	****	11	****	7	8	9	9	11	12	10	8	6	2	3	3	******
23	2	3	1	0	0	1	1	4	4	4	6	5	5	6	7	4	2	2	1	1	1	1	1	1	3
24	1	1	1	1	2	2	1	3	2	3	4	3	3	5	10	10	10	8	3	3	1	2	1	1	3
25	1	1	3	3	2	2	5	12	13	13	13	15	14	13	12	****	15	10	11	9	7	7	6	8	8
26	4	2	2	2	1	2	6	14	19	15	11	12	11	8	11	12	13	14	15	16	14	13	10	8	10
27	7	7	3	2	1	3	5	9	12	17	11	****	14	16	16	21	29	29	24	23	20	17	15	15	14
28	16	16	9	4	2	2	2	****	****	****	****	****	4	5	6	6	4	3	2	2	2	2	1	1	5
29	1	0	0	0	0	0	4	12	17	14	10	****	11	13	11	11	15	16	13	9	5	7	8	6	8
30	4	2	1	1	1	1	6	16	24	18	10	****	7	9	10	11	17	19	17	15	10	7	6	5	9
31	3	2	1	1	1	1	6	17	20	16	20	16	12	9	8	10	12	10	7	7	7	5	6	3	8
MEAN	6	5	3	3	2	3	6	13	15	12	8	9	8	9	9	9	11	11	11	10	7	6	7	8	7.8

PERCENTAGE OF DATA VALID - 90.9 PERCENTAGE OF DATA INVALID - 9.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	****	****	10	15	11	12	12	10	10	11	8	11	13	10	8	6	5	6	5	8
2	4	3	2	1	1	1	6	21	29	21	****	8	8	10	12	14	20	24	33	33	30	22	25	28	15
3	****	****	****	****	****	****	****	****	****	****	****	****	6	3	3	3	3	3	3	4	4	5	6	5	******
4	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
5	1	0	0	0	0	1	3	9	13	11	11	****	7	7	7	9	13	14	16	16	6	4	3	4	7
6	3	2	1	1	2	5	13	32	37	29	25	23	8	4	7	6	6	3	3	3	2	1	2	2	9
7	2	1	2	3	5	7	8	7	6	3	2	****	****	1	1	2	2	2	1	4	12	12	11	11	5
8	8	9	5	1	1	1	4	8	10	9	7	8	7	****	****	****	****	****	****	****	****	****	****	****	******
9	****	****	****	****	****	****	****	****	****	****	****	9	10	9	9	11	9	13	18	21	15	11	10	9	******
10	3	2	4	3	3	5	9	16	14	13	10	10	8	6	5	5	5	6	7	5	6	6	5	4	7
11	5	6	8	2	2	3	3	3	2	2	3	3	2	****	****	3	3	1	5	20	22	24	20	26	8
12	19	13	12	10	12	13	22	31	33	27	25	18	9	4	3	5	6	16	13	9	6	5	5	4	13
13	3	2	1	1	1	2	6	16	18	14	****	9	7	8	9	11	13	15	17	16	9	6	8	9	9
14	6	3	3	3	2	3	9	20	24	22	17	17	18	15	14	14	7	3	1	1	1	10	11	9	10
15	6	3	2	1	1	2	5	10	11	11	9	10	8	8	10	5	1	1	2	1	1	4	4	3	5
16	2	2	1	1	1	1	6	15	13	9	7	****	****	7	8	9	11	7	8	8	5	2	2	3	6
17	3	2	1	0	0	0	2	3	4	5	6	7	6	6	7	9	9	9	12	12	7	5	4	9	5
18	9	11	15	9	7	6	7	10	4	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	4
19	1	1	1	1	7	9	13	26	34	25	22	****	12	8	7	4	4	3	14	9	5	3	1	1	9
20	1	1	****	****	****	****	****	****	****	****	****	****	****	****	2	2	3	3	2	4	7	6	7	9	******
21	3	2	2	5	7	7	6	11	10	7	8	13	6	4	****	2	2	2	2	2	1	1	1	1	5
22	1	1	1	1	1	1	5	14	13	12	13	****	****	****	5	6	7	5	5	4	3	2	2	2	5
23	2	2	2	2	2	2	2	2	3	2	2	****	1	4	6	8	12	9	5	4	4	5	6	10	4
24	12	****	9	5	5	6	17	20	14	8	6	6	7	6	6	6	7	10	8	8	5	4	4	5	8
25	3	4	3	2	1	1	1	1	1	3	4	3	5	7	8	8	9	11	11	10	8	6	6	6	5
26	3	1	1	1	1	1	4	****	14	10	4	5	4	5	6	8	14	17	12	9	4	4	4	3	6
27	2	2	1	1	1	1	7	12	16	11	10	8	7	8	7	7	10	15	15	15	15	15	15	22	9
28	17	9	10	10	5	7	9	14	24	28	****	10	5	2	2	1	3	5	4	8	8	23	10	9	10
MEAN	5	3	4	3	3	4	7	13	15	12	9	9	7	6	6	6	7	8	8	9	7	7	7	7	7.1

PERCENTAGE OF DATA VALID - 90.2 PERCENTAGE OF DATA INVALID - 9.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	4	3	2	1	2	10	15	8	3	3	5	6	10	12	19	25	32	21	13	18	19	13	11
2	5	2	1	1	1	2	10	20	15	11	14	****	4	3	5	4	6	6	5	4	4	3	5	7	6
3	7	2	1	1	1	1	2	5	4	3	2	1	1	1	1	1	2	2	1	2	2	3	2	1	2
4	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	5	5	8	10	7	29	16	14	5
5	3	2	9	6	2	2	2	4	4	2	1	1	1	1	2	2	3	2	3	3	2	3	3	2	3
6	1	1	1	1	1	1	2	6	7	4	4	****	3	3	2	2	2	1	1	1	1	1	1	1	2
7	1	1	4	3	3	20	40	45	22	8	3	2	2	2	2	2	2	3	2	3	2	1	3	38	9
8	28	28	22	12	7	8	23	36	32	20	14	****	5	5	3	3	7	16	14	13	10	9	11	11	15
9	8	7	5	5	5	9	24	43	36	25	14	5	2	4	5	3	3	3	2	1	1	1	1	3	9
10	5	2	2	1	1	1	1	2	2	2	1	2	1	1	1	1	1	2	2	5	3	2	1	3	2
11	2	1	1	0	0	0	0	1	1	1	1	1	3	4	3	3	3	3	4	3	4	4	3	2	2
12	1	0	0	0	0	1	4	9	9	7	5	5	5	4	4	7	9	8	6	7	5	3	4	4	4
13	3	2	1	1	1	1	2	4	4	3	3	4	5	5	4	4	4	2	1	1	1	1	1	2	3
14	2	1	1	1	1	1	3	4	2	5	5	****	2	3	3	5	7	8	5	4	2	2	2	3	3
15	1	0	0	0	0	0	6	13	7	5	4	4	4	4	4	6	7	6	6	6	5	1	1	2	4
16	1	3	2	1	0	2	3	4	9	6	4	6	2	3	2	3	3	4	3	4	7	6	5	4	4
17	4	4	6	7	9	11	13	36	11	4	2	2	2	1	1	2	1	1	1	1	2	9	21	24	7
18	24	26	20	12	8	7	9	11	6	8	1	1	1	1	1	1	1	1	1	1	21	2	0	0	7
19	0	0	0	0	3	12	27	30	6	1	1	1	1	1	1	2	4	2	1	9	25	29	42	40	10
20	36	30	24	8	7	14	28	57	49	30	8	4	4	4	4	5	4	3	12	37	20	21	14	14	18
21	11	5	3	3	3	8	22	50	41	14	3	****	1	1	1	3	4	3	6	19	37	52	60	68	18
22	48	25	17	13	11	7	15	23	19	12	5	3	2	2	****	3	3	2	2	8	12	3	4	29	12
23	23	20	11	11	23	28	45	50	12	6	3	2	1	1	1	3	6	5	2	2	2	1	1	1	11
24	6	7	1	1	1	1	1	1	1	1	1	1	2	17	27	8	1	4	7	3	8	28	24	4	7
25	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7	9	11	8	5	3
26	2	1	1	1	1	2	4	5	8	9	****	5	4	4	4	6	7	6	4	3	2	2	1	2	4
27	1	1	0	0	0	1	9	13	10	6	6	5	4	3	4	7	8	8	9	8	6	6	7	8	5
28	6	3	5	6	9	12	26	14	5	2	1	2	2	1	1	1	1	2	2	1	1	1	3	2	5
29	4	4	5	9	6	20	54	15	9	8	4	12	11	10	10	14	19	22	7	4	5	8	7	8	11
30	7	2	1	1	1	1	3	14	13	14	5	5	6	10	10	10	17	11	6	36	29	15	5	7	10
31	4	3	4	18	11	3	7	9	9	5	4	4	4	4	5	6	7	6	7	5	4	3	4	3	6
MEAN	8	6	5	4	4	6	13	17	12	7	4	3	3	4	4	4	5	6	5	7	8	9	9	10	6.9

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	1	1	1	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
2	****	****	****	****	****	****	****	****	****	****	6	6	13	6	2	2	3	4	1	0	1	1	1	0	******
3	0	0	0	0	0	0	4	10	9	****	5	4	3	3	3	2	3	10	10	11	9	9	17	18	6
4	22	18	12	8	6	9	22	31	11	5	8	3	2	2	1	1	2	1	0	0	0	0	0	5	7
5	2	0	0	0	1	4	9	11	7	5	6	5	3	1	1	1	1	1	2	1	1	0	0	0	3
6	0	0	0	0	0	0	1	1	1	1	1	0	***	1	2	2	3	3	2	2	2	1	1	2	1
7	2	1	1	0	0	0	1	2	3	4	3	3	3	3	4	4	4	5	7	8	6	4	6	12	4
8	7	9	7	4	2	1	2	1	1	0	0	0	0	0	0	2	10	4	4	6	4	2	3	1	3
9	0	0	0	0	0	0	2	6	8	7	5	4	4	6	6	8	14	11	11	13	5	4	7	14	6
10	4	2	1	0	0	1	5	13	13	10	7	7	6	6	8	9	9	11	15	17	13	13	14	16	8
11	13	14	10	7	13	16	22	25	6	2	1	1	1	1	1	1	2	2	2	3	1	1	1	5	6
12	3	4	1	0	0	0	1	2	1	1	1	1	****	****	5	4	4	3	2	2	0	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	****	0	1	1	1	1	1	1	1	0	0	0	0	0	0
14	1	1	0	0	0	0	0	1	1	1	4	1	1	1	1	1	1	3	1	2	17	17	26	11	4
15	10	6	3	1	0	0	0	0	1	1	2	2	2	3	2	3	2	3	2	3	4	3	5	4	3
16	2	1	1	1	1	1	7	17	13	8	7	7	5	***	6	8	7	8	6	6	4	4	3	4	6
17	1	1	1	1	1	3	8	14	14	9	5	4	4	5	5	6	8	6	7	8	7	8	7	6	6
18	5	4	2	1	1	2	6	13	10	6	4	4	****	4	3	6	9	7	8	7	6	6	4	3	5
19	1	1	1	2	1	3	12	19	12	9	5	5	4	4	5	7	8	8	6	8	4	7	5	3	6
20	3	2	2	3	5	7	17	28	26	18	9	5	3	2	1	1	2	1	2	9	9	4	11	38	9
21	43	52	44	41	34	5	8	3	3	2	1	1	1	1	1	1	1	1	1	2	15	12	2	1	12
22	13	11	14	6	7	1	1	1	1	1	1	1	1	1	1	1	1	1	2	16	23	14	10	5	
23	9	6	3	3	2	5	14	8	4	4	2	2	1	2	2	2	3	2	1	4	3	5	6	14	4
24	16	30	16	6	3	8	4	15	14	4	2	****	2	4	1	2	1	1	0	0	1	0	3	1	6
25	6	7	4	5	2	1	1	1	7	10	3	3	1	1	1	1	1	1	1	1	2	1	1	9	3
26	2	1	1	2	1	2	3	8	6	3	2	1	1	1	2	3	6	4	1	1	1	1	1	1	2
27	3	5	3	1	1	3	6	10	10	12	13	11	12	12	11	12	16	14	11	12	9	6	7	7	9
28	5	6	3	0	0	1	3	5	3	1	1	1	3	3	2	2	1	1	1	1	6	11	13	14	4
29	7	3	2	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	****	0	1	4	12	6	2
30	4	3	4	4	1	4	5	4	3	2	5	2	2	1	2	2	1	4	5	5	7	3	2	1	3
MEAN	6	7	5	3	3	3	6	9	7	5	4	3	3	3	3	3	4	4	4	5	5	5	6	7	4.7

PERCENTAGE OF DATA VALID - 95.3 PERCENTAGE OF DATA INVALID - 4.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	4	9	11	8	5	4	4	4	6	8	9	10	8	7	11	12	11	9	6	6
2	7	6	5	3	5	13	19	14	7	4	2	1	1	2	2	1	1	1	1	1	1	1	1	5	4
3	6	2	0	0	1	4	6	4	9	8	****	9	7	4	5	8	9	26	10	3	2	2	2	1	6
4	1	1	1	1	2	11	20	17	9	5	4	4	3	3	9	12	10	9	9	9	7	6	5	5	7
5	4	1	1	1	1	3	4	4	4	3	1	1	0	0	0	0	0	0	1	1	2	3	5	7	2
6	6	2	1	1	1	1	1	1	1	1	2	1	1	1	1	5	2	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
8	0	0	6	3	1	10	17	8	****	8	7	4	3	2	1	1	1	1	1	4	1	1	6	3	4
9	7	3	13	11	2	2	2	3	5	3	1	1	1	1	1	1	1	1	1	1	1	1	4	11	3
10	10	15	10	8	11	16	36	24	5	1	1	1	1	1	1	1	3	2	6	2	1	1	4	2	7
11	4	1	1	2	2	11	16	7	4	2	1	1	1	2	3	1	1	0	0	1	1	2	1	6	3
12	13	3	2	3	4	1	1	6	1	3	4	2	6	3	5	4	4	5	4	2	2	2	3	2	4
13	2	1	1	1	0	1	1	1	2	2	1	1	0	0	1	0	0	0	1	5	7	16	8	2	2
14	2	1	1	0	1	7	9	8	4	2	2	1	0	0	0	0	3	8	10	3	1	0	1	1	3
15	1	1	1	1	4	8	12	16	12	9	5	2	1	1	1	1	1	6	10	3	4	4	6	3	5
16	1	1	0	0	2	8	17	13	9	7	5	4	5	6	6	7	8	8	6	7	13	13	15	13	7
17	10	7	9	10	15	30	31	16	10	5	****	2	1	1	2	3	1	1	1	1	3	4	5	1	7
18	1	2	7	12	22	31	29	9	4	2	2	2	****	1	1	0	0	0	0	0	1	10	25	13	8
19	13	11	0	0	4	18	1	1	0	0	0	0	1	0	1	1	1	1	1	3	4	16	5	1	3
20	2	3	6	7	3	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	2	14	17	19	4
21	15	1	1	1	2	2	1	0	1	0	0	1	1	1	1	2	1	2	3	3	3	3	4	3	2
22	1	0	1	1	4	10	17	12	****	****	2	1	1	2	1	2	1	0	0	0	5	9	1	0	3
23	0	0	1	1	6	18	24	24	7	1	1	2	1	3	2	2	1	0	1	15	2	0	5	2	5
24	6	2	0	1	2	8	15	16	12	8	5	3	5	1	1	1	1	1	1	2	10	11	13	4	5
25	1	0	0	0	1	6	8	6	8	****	9	12	13	13	13	11	9	7	7	6	7	6	6	2	7
26	0	1	0	0	1	1	1	0	1	1	2	1	1	1	1	0	0	0	1	1	1	0	0	0	1
27	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	1	0
28	3	6	4	3	8	12	13	6	2	2	1	1	1	1	2	2	1	1	5	14	10	9	5	8	5
29	6	11	13	3	10	22	25	23	12	6	****	5	2	2	1	1	1	1	3	6	10	4	13	10	8
30	10	4	2	2	9	17	16	8	5	2	1	1	1	1	1	0	0	0	0	0	1	3	1	12	4
31	25	4	9	15	22	38	38	17	6	1	1	1	1	1	0	0	0	0	0	1	13	25	3	10	10
MEAN	5	3	3	3	5	10	13	9	5	3	2	2	2	2	2	3	2	3	3	3	4	6	6	5	4.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	8	6	8	9	16	25	2	2	1	1	1	0	1	1	1	1	1	1	1	3	1	2	15	21	5	
2	21	19	3	4	1	2	4	4	3	4	2	1	1	1	1	0	0	0	1	1	2	3	1	1	3	
3	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	2	9	14	9	2	
4	9	5	0	3	2	4	2	2	2	****	0	0	0	0	1	1	1	1	2	7	2	1	1	2	2	
5	1	1	1	1	2	5	13	10	7	11	8	2	2	5	5	7	6	7	6	4	5	4	5	4	5	
6	3	2	2	1	1	1	2	2	2	1	1	1	0	1	1	1	1	1	1	0	0	0	1	3	1	
7	3	0	0	1	2	8	8	6	3	3	1	1	2	1	1	1	1	1	1	1	3	12	15	15	4	
8	7	1	1	3	1	3	5	5	3	1	2	2	1	1	1	1	1	1	1	1	0	1	2	3	2	
9	4	8	6	10	11	4	2	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	2	
10	0	0	0	0	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	
11	0	0	0	0	0	1	6	4	5	****	****	****	6	6	7	7	7	6	7	6	7	12	16	12	6	5
12	4	2	1	1	4	18	23	14	9	6	5	6	7	8	10	14	11	10	9	8	14	13	10	7	9	
13	5	2	2	1	4	17	23	19	11	7	6	5	4	5	6	8	8	6	6	8	18	27	31	5	10	
14	14	14	11	8	5	27	24	8	3	****	2	2	1	0	0	0	0	0	0	0	0	0	0	0	5	
15	2	0	0	0	0	1	7	3	1	1	1	1	1	2	2	2	3	3	3	3	3	3	3	2	2	
16	2	2	2	2	2	2	2	2	3	3	4	4	5	6	6	5	5	5	4	4	4	4	4	3	4	
17	4	8	21	4	3	8	2	2	3	3	3	3	3	5	5	4	3	3	3	3	3	4	4	2	4	
18	2	2	2	****	****	****	****	****	****	****	2	1	0	0	0	0	0	0	0	0	2	10	8	6	2	
19	5	5	3	2	6	18	23	12	5	****	2	1	2	1	1	2	1	0	0	0	0	0	0	0	4	
20	0	0	0	5	11	3	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
21	1	1	1	1	1	1	3	4	7	5	4	4	3	2	1	1	1	1	1	1	1	1	1	1	2	
22	5	2	1	1	1	1	5	9	4	2	3	3	4	6	8	9	8	9	9	7	6	5	4	4	5	
23	3	2	1	1	1	2	4	5	6	5	7	6	7	6	7	7	8	9	12	8	8	6	7	6	6	
24	7	4	2	1	2	2	2	2	2	4	4	4	4	4	4	4	5	6	7	9	12	10	8	4	5	
25	2	1	2	2	3	11	21	20	11	5	2	1	1	1	1	1	1	1	1	0	0	****	8	33	6	
26	28	23	23	24	24	28	28	14	6	3	2	2	2	1	1	0	0	0	0	1	3	4	0	0	9	
27	0	0	0	0	1	1	3	6	1	0	0	0	1	1	1	1	1	1	1	1	2	7	12	6	2	
28	3	1	1	1	1	10	28	19	6	4	2	1	1	1	1	1	1	0	0	1	1	0	0	0	4	
29	4	0	2	1	2	1	3	4	****	2	2	2	0	0	1	4	6	1	1	7	7	9	12	3	3	
30	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MEAN	5	4	3	3	4	7	9	6	4	3	2	2	2	2	3	3	3	3	3	3	4	5	6	5	3.8	

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	2	1	0	0
2	0	2	3	3	3	2	1	1	1	2	3	3	3	3	3	3	2	2	3	7	8	6	5	3	3
3	2	1	0	0	2	10	16	14	9	****	****	4	4	5	6	7	7	6	5	3	4	5	9	7	6
4	4	3	0	1	5	14	18	15	6	7	5	4	5	4	5	5	5	4	3	3	3	2	4	2	5
5	2	1	0	0	1	6	11	7	6	5	5	4	4	4	3	5	5	5	5	5	8	12	6	4	5
6	2	1	0	1	3	15	24	17	11	6	3	3	2	2	2	4	4	4	4	4	4	7	4	6	6
7	4	2	0	1	4	9	11	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	2
8	5	5	3	2	7	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	2
9	10	7	1	5	18	19	1	1	2	1	****	1	1	1	0	0	0	0	0	3	6	4	1	1	4
10	1	1	0	0	0	0	2	2	1	4	5	4	3	1	1	2	7	4	1	1	1	2	2	1	2
11	1	1	1	2	5	8	18	12	3	2	1	1	0	****	1	1	1	1	1	2	1	2	11	14	4
12	11	11	9	8	8	25	26	19	6	3	4	1	0	0	0	0	0	0	0	0	1	7	3	1	6
13	6	6	6	8	13	23	21	5	4	0	1	1	1	1	1	0	0	0	0	1	2	0	1	6	4
14	12	19	11	10	10	11	7	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	4
15	2	2	3	1	1	1	1	1	1	1	1	1	****	-	-	-	-	-	-	-	-	12	6	7	******
16	3	3	2	2	6	15	21	17	7	3	2	1	0	1	3	7	7	4	3	3	5	6	4	2	5
17	1	0	0	0	1	7	14	15	11	****	3	1	1	1	0	0	0	0	0	4	5	4	5	2	3
18	1	0	0	0	2	8	15	15	12	6	3	1	0	0	0	0	0	0	0	0	5	10	10	6	4
19	4	4	4	5	8	16	28	35	10	1	0	0	0	0	0	0	0	0	0	0	0	1	14	16	6
20	5	1	1	2	7	16	22	13	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	11	3
21	12	5	13	13	10	11	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	12	5
22	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	13	2
23	5	5	1	0	2	10	28	17	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
24	0	0	0	0	1	1	2	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	2	3	3	2	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1
26	0	1	2	2	1	1	3	7	4	7	8	9	7	8	9	10	8	7	7	4	2	3	3	3	5
27	2	1	1	1	2	10	20	22	15	7	2	2	1	1	0	0	0	0	0	0	1	1	0	0	4
28	1	2	1	5	8	6	2	1	2	0	0	0	0	0	0	0	0	1	2	4	6	6	7	8	3
29	7	5	4	3	3	4	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	9	13	8	3
30	5	3	2	2	8	18	27	17	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
31	0	0	0	0	1	3	5	17	6	2	****	2	1	1	1	1	3	3	6	5	4	4	3	3	3
MEAN	4	3	2	2	5	9	12	9	5	2	2	1	1	1	1	2	2	1	1	2	2	3	4	5	3.5

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	0	0	0	5	14	16	9	2	1	2	****	1	0	1	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	2	1	1	1	1	0	2	1	****	****	3	2	3	0	1	2	5	9	2
3	3	10	6	5	5	10	****	5	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	1	2
4	1	1	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	1	3	5	8	8	4	2
5	3	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	3	4	7	5	1	1
6	0	0	0	0	0	1	2	1	1	2	1	1	0	0	0	0	0	0	0	0	0	1	20	18	2
7	12	11	3	11	15	32	23	6	3	2	****	2	5	0	0	1	0	0	0	1	2	2	3	2	6
8	3	1	0	0	2	9	15	13	10	11	8	4	1	0	1	4	6	6	8	6	8	10	12	9	6
9	5	3	2	1	4	15	28	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
10	1	0	0	0	1	2	3	11	17	8	****	****	2	2	3	5	5	4	5	4	5	4	2	3	4
11	3	3	0	0	0	0	2	4	5	6	5	4	4	0	0	0	0	0	2	5	3	4	5	4	2
12	4	2	1	1	2	3	6	4	1	0	0	0	0	0	0	0	0	0	0	2	2	2	1	3	1
13	21	13	4	4	8	22	48	41	8	****	1	1	0	0	0	0	0	0	0	0	0	0	0	0	7
14	0	0	0	0	1	7	14	12	5	3	3	4	4	5	6	7	7	6	6	4	3	3	3	1	4
15	0	0	0	0	1	5	13	11	7	6	7	****	5	6	6	8	9	8	9	7	11	16	19	13	7
16	11	5	5	1	4	18	26	23	17	5	3	2	1	1	1	0	0	0	0	0	12	23	21	17	8
17	11	10	8	9	12	26	44	49	8	5	2	3	2	1	2	1	1	1	2	3	0	0	0	0	8
18	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	2	2	3	4	6	7	6	4	8	2
19	16	14	19	5	1	2	2	1	2	2	2	1	2	0	0	0	0	0	0	0	0	23	13	11	5
20	4	1	2	3	3	14	26	24	10	6	****	1	1	1	1	1	1	1	1	1	1	13	29	25	7
21	29	17	9	7	11	19	35	31	12	2	1	0	1	1	1	1	1	0	1	4	26	26	8	9	11
22	8	4	3	3	6	17	29	12	4	****	1	0	0	0	1	0	0	0	0	0	0	0	0	0	4
23	0	0	0	0	0	1	4	3	4	4	1	****	4	4	6	4	1	1	1	1	0	0	0	1	2
24	2	4	1	0	0	2	5	3	3	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	2	1	1	1	1	0	0	0	0	0	0	0	0	1	7	7	10	11	2
26	13	9	5	3	3	3	5	4	2	0	0	0	0	0	0	0	0	0	1	1	1	2	8	5	3
27	4	1	0	0	1	8	10	10	5	2	****	1	0	0	0	0	0	0	0	0	0	0	1	1	2
28	2	10	9	8	12	12	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
29	0	0	0	1	0	0	4	5	3	3	3	3	1	1	1	1	0	0	0	0	0	0	1	3	1
30	5	3	0	0	4	9	9	4	2	1	1	0	0	1	3	5	5	5	7	9	11	9	14	11	5
31	7	3	2	2	4	11	21	22	10	1	1	****	0	1	1	1	1	0	0	1	2	2	1	2	4
MEAN	5	4	3	2	3	8	13	10	5	3	2	1	1	1	1	1	1	1	2	2	4	5	6	6	3.9

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	20	13	10	17	20	27	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	2	2	2	2	2	2	1	2	2	3	4	4	6	6	5	6	7	5	3
4	1	1	0	0	2	11	18	17	11	****	****	1	1	1	2	1	0	0	0	0	1	1	3	6	4
5	12	10	12	11	13	23	28	21	1	0	1	0	0	0	0	1	0	0	0	6	8	9	8	7	7
6	6	3	2	1	5	13	19	21	16	8	3	1	1	1	1	3	3	2	2	3	2	3	3	2	5
7	1	0	0	0	2	7	14	13	****	6	5	7	11	10	9	10	10	9	8	7	6	4	3	2	6
8	2	1	0	0	1	3	7	6	6	4	4	3	2	1	0	0	0	0	0	6	10	6	8	10	3
9	13	9	5	3	2	4	7	5	2	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	2
10	0	0	2	0	0	4	4	2	1	0	0	0	0	0	2	6	6	10	4	3	5	8	13	11	3
11	6	5	4	5	9	22	49	33	16	10	3	1	1	0	1	-	0	0	1	1	3	12	33	24	10
12	22	11	1	0	0	1	2	2	0	1	1	0	1	0	0	0	0	0	0	4	1	0	0	0	2
13	0	0	0	0	0	1	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	7	8	6	6	8	****	6	6	5	6	6	7	8	11	13	6	6	6	6	6
15	6	3	1	0	1	3	9	3	4	4	4	3	3	4	3	3	3	3	5	5	4	6	3	1	4
16	2	4	1	1	3	4	7	6	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	4	12	8	2	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	2	6	2	0	0	0	0	0	0	0	1	2	3	4	****	5	5	4	2	2
19	1	0	0	0	2	10	19	10	7	6	5	4	5	5	7	9	9	****	15	11	9	13	18	20	8
20	15	12	12	13	19	37	60	41	24	7	5	1	0	0	0	0	0	0	0	0	0	0	0	1	10
21	2	2	6	12	17	17	14	10	8	5	1	6	7	8	9	10	9	12	12	10	****	10	11	8	9
22	6	5	3	2	2	3	7	8	8	6	6	6	5	4	4	5	6	7	8	8	8	5	7	7	6
23	8	6	4	3	2	4	7	6	5	1	0	0	0	0	0	0	0	0	1	6	32	36	38	35	8
24	29	21	18	15	16	28	46	42	9	2	****	1	1	1	1	0	0	0	0	0	0	5	8	18	11
25	22	21	20	20	22	18	8	10	10	7	4	2	1	1	0	0	3	6	7	0	10	14	14	5	9
26	4	1	0	0	2	13	31	23	18	10	S	2	1	0	1	2	2	0	7	28	31	41	46	31	12
27	21	15	11	8	14	35	51	31	13	5	3	2	1	0	0	0	0	0	2	4	5	1	0	4	9
28	2	1	0	0	2	5	11	8	5	3	****	2	2	3	4	3	2	2	5	6	2	10	13	19	5
29	15	11	10	10	8	10	9	5	4	3	1	0	0	0	0	0	0	0	0	0	1	2	16	28	6
30	29	19	18	14	7	7	6	4	4	0	0	0	0	1	0	0	0	1	4	10	11	6	S	3	6
MEAN	8	6	5	4	6	11	16	12	7	4	2	2	2	2	2	2	2	2	3	5	6	7	9	9	5.5

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF OATA INVALIO - 1.8 PERCENTAGE OF DATA UNAVAILA8LE - 0.1

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA I5 UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1	2	0	0	0	2	9	18	24	****	14	7	2	3	3	3	4	2	1	1	5	13	16	19	10	7	
2	7	5	2	2	3	9	20	22	21	21	8	1	2	3	2	10	11	4	4	1	3	1	0	0	7	
3	0	0	0	0	1	6	4	12	4	3	5	5	5	4	4	6	7	2	1	2	1	1	1	0	3	
4	0	0	0	0	1	3	4	8	3	3	8	18	18	17	14	13	13	15	14	12	11	11	13	13	9	
5	6	2	2	1	4	12	15	17	7	****	3	3	3	5	5	5	6	13	19	15	9	7	5	3	7	
6	2	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	1	1	1	2	3	3	4	4	4	3	4	4	5	6	7	7	5	3	
8	3	-	1	0	0	1	4	3	2	1	1	1	0	0	0	2	8	2	2	1	2	1	0	0	2	
9	1	1	1	1	4	6	10	13	11	9	-	****	7	7	10	13	16	15	15	17	13	16	17	14	10	
10	12	8	-	7	22	****	48	49	59	28	7	4	4	4	4	3	2	2	13	16	13	14	18	14	16	
11	11	5	2	3	6	16	29	32	31	17	7	5	****	****	****	4	3	3	2	2	2	2	2	2	9	
12	2	2	2	2	2	3	5	9	7	5	5	6	4	3	3	6	6	6	10	9	9	7	7	4	5	
13	2	2	2	2	2	2	3	3	3	3	8	10	9	8	10	10	10	12	13	12	9	11	18	12	7	
14	12	11	9	4	2	4	9	13	7	6	5	4	7	7	7	7	7	9	10	4	3	4	4	2	7	
15	2	2	2	2	4	9	12	-	8	****	7	5	4	3	4	6	8	13	19	15	15	13	17	13	8	
16	5	3	2	2	3	13	26	27	16	7	5	-	3	3	3	4	3	3	5	4	4	5	10	27	8	
17	26	26	20	15	17	31	30	-	-	44	39	56	52	54	37	43	SO	23	25	34	54	56	35	69	38	
18	48	14	3	3	6	19	38	40	15	5	6	6	****	4	4	5	****	6	5	5	4	4	3	3	11	
19	3	4	4	4	2	3	5	6	****	4	5	4	5	4	****	-	-	7	10	3	2	2	2	2	4	
20	3	3	3	2	2	2	9	3	4	4	3	2	2	2	2	2	2	3	2	11	3	2	2	2	3	
21	2	2	2	2	3	5	7	4	3	2	2	2	2	2	3	3	2	2	2	3	3	14	13	3	4	
22	3	5	3	3	12	8	10	12	15	10	5	3	3	3	3	3	S	7	8	8	4	5	5	3	6	
23	3	3	2	3	11	7	6	10	10	5	4	4	4	****	3	3	4	4	3	2	2	2	3	2	4	
24	2	2	2	2	2	3	5	6	6	5	6	7	10	****	****	****	****	****	****	****	****	-	-	****	****	******
25	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	10	12	12	10	8	4	4	5	3	******	
26	1	1	0	0	2	10	20	23	23	14	14	9	10	-	12	14	17	17	14	8	8	6	9	9	10	
27	4	3	1	0	0	0	4	4	5	1	1	0	1	2	2	2	3	3	0	0	0	1	2	2	2	
28	2	4	0	0	0	1	2	2	1	1	1	1	1	2	4	6	2	1	5	6	6	5	6	3	3	
29	2	1	0	0	0	2	12	19	20	17	14	14	15	14	17	19	23	25	25	19	12	10	9	2	12	
30	1	0	0	0	0	0	2	4	7	8	3	5	3	2	2	3	2	2	2	1	0	0	0	0	2	
31	0	0	0	0	0	0	1	5	4	3	4	3	3	2	3	8	13	7	8	13	2	3	7	11	4	
MEAN	6	4	2	2	4	6	12	13	11	9	6	7	7	6	6	8	9	7	8	8	7	8	8	8	7.1	

PERCENTAGE OF OATA VALID - 93.5 PERCENTAGE OF OATA INVALID - 4.8 PERCENTAGE OF DATA UNAVAILA8LE - 1.6

NOTES 1. "****" INDICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILA8LE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	9	2	0	0	0	0	2	5	5	8	11	9	8	12	9	8	10	35	27	7	1	1	1	0	7
2	1	1	0	1	0	0	2	8	10	13	7	****	1	1	1	2	3	4	5	3	6	12	12	16	5
3	18	17	11	10	10	11	21	25	16	4	3	2	1	0	0	0	0	1	10	11	6	4	4	-	8
4	2	6	4	3	2	2	2	5	3	3	2	2	3	6	4	6	11	18	15	13	9	7	46	40	9
5	44	21	28	25	19	29	60	48	34	10	****	3	4	4	6	3	6	4	2	2	2	4	28	40	19
6	37	42	38	29	21	23	40	56	64	40	19	12	13	11	11	9	14	7	35	45	37	37	42	23	29
7	10	3	2	1	1	2	6	16	20	12	10	11	10	13	****	14	12	10	4	1	0	0	4	7	7
8	2	2	1	0	0	-	****	2	2	2	2	3	2	2	3	3	4	13	18	23	22	21	21	18	8
9	22	18	16	24	25	26	38	59	75	18	8	7	5	3	3	6	5	4	3	-	1	1	1	3	16
10	14	7	4	2	3	2	4	7	8	8	8	7	4	8	10	13	14	16	15	14	12	8	8	10	9
11	7	7	-	6	4	4	6	12	9	7	3	2	-	9	8	9	8	9	9	4	5	4	7	11	7
12	7	3	1	-	1	1	6	11	11	10	5	4	4	4	4	6	7	4	8	24	36	37	46	42	12
13	35	28	22	13	9	7	17	26	30	21	17	14	11	11	9	10	12	19	24	30	24	11	15	13	18
14	9	4	4	2	3	3	14	27	28	18	11	10	10	9	9	12	10	14	14	9	15	19	20	18	12
15	19	11	5	2	1	2	6	9	7	8	5	2	3	5	3	5	11	14	15	16	13	8	4	2	7
16	0	0	0	****	0	1	11	14	9	5	2	0	1	1	0	1	1	1	0	1	0	0	0	0	2
17	0	0	0	0	0	0	1	4	1	2	3	5	8	6	5	8	16	25	35	48	62	55	44	56	16
18	45	45	40	35	26	16	18	23	36	32	13	4	3	1	1	2	1	1	1	4	2	14	1	0	15
19	0	0	0	0	0	0	2	6	10	9	7	6	5	5	7	9	9	4	2	2	2	5	5	8	4
20	8	6	1	0	2	12	19	25	12	6	5	****	****	4	6	11	17	17	12	16	15	13	10	5	10
21	3	2	0	0	0	2	9	8	5	3	2	2	1	2	2	3	2	-	0	1	1	1	1	3	2
22	3	3	1	2	5	4	7	16	20	12	8	9	9	8	6	6	3	4	3	1	2	1	2	2	6
23	-	1	1	3	9	6	4	5	7	8	9	13	14	12	15	22	15	26	35	8	5	9	22	14	11
24	8	7	14	2	1	2	3	7	5	6	6	6	2	0	1	1	1	2	5	5	4	****	2	8	4
25	9	8	42	39	44	36	35	34	35	24	3	3	5	1	1	0	0	1	4	4	1	1	1	1	14
26	1	1	1	1	0	1	6	7	5	5	****	1	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	3	3	5	14	18	17	4	13	4
28	8	7	5	3	1	1	7	11	11	7	6	6	3	5	9	7	5	7	4	2	1	1	4	4	5
29	3	1	1	1	0	1	5	10	15	12	9	9	8	8	****	6	-	****	3	2	1	1	1	1	5
30	1	0	0	0	0	0	2	3	2	3	2	3	4	3	3	2	4	3	2	3	2	4	6	8	3
MEAN	11	8	8	7	6	7	12	16	17	11	7	6	5	5	5	6	7	10	11	11	10	10	12	13	9.2

PERCENTAGE OF DATA VALID - 97.2 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 1.3

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	4	2	0	0	0	0	1	1	6	11	9	12	17	15	****	18	9	6	6	4	2	2	2	6
2	1	1	1	1	1	0	1	0	1	1	3	2	5	7	8	13	15	18	15	14	15	4	7	7	6
3	6	2	0	0	0	0	2	5	9	5	****	1	0	0	1	2	****	2	1	0	0	0	0	0	2
4	0	0	0	0	0	0	2	5	6	5	5	8	8	7	9	12	17	16	14	11	3	2	1	2	6
5	3	2	1	2	1	2	3	6	5	5	5	4	4	****	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	1	10	14	15	11	7	5	4	4	5	11	14	12	7	7	7	5	3	3	6
7	3	3	3	2	1	3	4	11	16	****	****	2	2	2	3	5	4	3	2	1	1	0	0	1	3
8	2	2	1	0	0	0	1	2	2	4	5	5	****	****	8	10	12	8	****	6	5	3	5	2	4
9	2	3	4	1	0	0	0	0	0	0	0	1	1	2	1	0	1	1	1	1	7	8	6	5	2
10	3	1	1	2	1	1	4	12	18	13	7	7	10	8	6	6	6	4	2	3	4	9	4	1	6
11	2	1	0	0	0	0	0	2	3	2	1	1	1	0	1	1	1	0	0	0	2	1	0	0	1
12	0	0	0	0	0	0	2	11	12	12	10	10	10	10	10	11	14	12	10	****	****	****	****	****	7
13	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	12	15	13	24	21	15	10	8	******
14	9	5	2	3	2	3	5	11	19	15	10	10	11	****	12	16	16	13	12	11	13	12	10	5	10
15	4	4	3	3	2	4	7	8	10	3	3	3	2	3	3	3	4	5	7	6	5	4	4	3	4
16	3	3	3	3	2	2	2	2	2	3	4	4	4	13	15	9	5	3	3	2	2	2	3	3	4
17	2	1	1	1	1	2	11	24	27	22	10	4	2	1	6	9	11	6	8	4	3	2	2	4	7
18	2	1	1	1	1	2	4	19	19	17	15	****	11	12	8	12	19	23	13	15	16	4	2	2	10
19	1	0	0	1	2	2	1	7	6	7	7	6	7	7	8	8	11	10	13	12	8	7	8	11	6
20	7	4	3	2	2	3	10	17	16	16	16	20	21	22	24	21	15	28	56	54	51	63	66	70	25
21	68	64	60	52	40	34	41	67	75	88	84	30	17	8	9	8	7	5	7	11	10	7	3	2	33
22	5	3	2	2	2	2	1	2	2	3	3	3	3	5	5	6	7	9	4	4	5	10	8	7	4
23	7	7	8	7	7	6	4	2	3	3	2	3	4	6	5	5	4	5	5	6	5	13	10	13	6
24	20	10	5	5	9	14	10	13	8	4	3	8	9	4	6	4	4	4	5	5	5	5	6	9	7
25	7	6	3	2	1	0	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2	1	2
26	1	0	0	0	0	0	0	1	1	2	4	5	6	7	9	10	10	7	7	7	9	11	8	4	5
27	3	1	1	0	0	1	4	10	10	8	8	9	7	8	****	10	11	13	11	11	10	8	5	4	7
28	2	1	0	0	0	1	5	19	19	12	7	6	6	7	7	9	11	12	12	17	15	11	9	9	8
29	7	6	6	4	2	2	2	6	9	8	6	5	5	8	7	7	8	8	6	6	4	4	4	6	6
30	4	4	3	1	0	0	2	8	6	5	4	3	3	4	6	8	11	10	22	21	17	11	13	19	8
31	22	17	11	6	8	7	12	24	25	13	5	2	4	6	6	7	3	5	10	13	14	14	20	-	11
MEAN	7	5	4	3	3	3	5	10	12	10	9	6	6	7	7	8	9	9	9	9	9	8	7	7	7.2

PERCENTAGE OF DATA VALID - 95.4 PERCENTAGE OF DATA INVALID - 4.4 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	28	7.8	19	65
FEB	24	7.1	15	37
MAR	31	6.9	18	68
APR	28	4.7	12	52
MAY	31	4.4	10	38
JUN	30	3.8	10	33
JUL	30	3.5	6	35
AUG	31	3.9	11	49
SEP	30	5.5	12	60
OCT	29	7.1	38	69
NOV	30	9.2	29	75
DEC	30	7.2	33	88
YEAR	352	5.9	38	88

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 35033 EVANS/ARNOLD AVE, ETOBICOKE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	358	129	141	27	11	6	4	676
FEB	304	172	96	27	7	0	0	606
MAR	482	121	69	37	12	9	5	735
APR	484	117	69	9	3	3	1	686
MAY	530	117	70	14	5	0	0	736
JUN	542	103	38	19	2	0	0	704
JUL	570	89	57	11	1	0	0	728
AUG	576	75	52	20	3	4	0	730
SEP	464	131	71	20	12	6	2	706
OCT	432	117	105	20	9	6	7	696
NOV	360	143	110	39	26	14	8	700
DEC	402	165	109	17	2	1	14	710
YEAR	5504	1479	987	260	93	49	41	8413

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
96.0	0	0.0	0.7	2.6	6.0	13.8	20.6	31.2	41.0	88	5.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA INVALID -													
10												- DATA INVALID -													
11												- DATA INVALID -													
12												- DATA INVALID -													
13												- DATA INVALID -													
14												- DATA INVALID -													
15	****	****	****	****	****	****	****	****	****	***.	****	****	****	4	4	4	4	5	6	5	4	3	2	2	******
16	2	2	3	4	5	4	6	7	12	9	5	4	5	3	3	4	6	14	17	18	14	14	11	14	8
17	15	16	12	12	12	15	5	4	4	3	3	4	5	6	9	10	11	10	5	5	3	3	4	3	7
18	2	2	2	1	1	1	2	4	6	4	2	3	2	2	3	3	5	7	9	12	7	8	7	6	4
19	5	5	4	3	4	4	6	8	12	11	11	****	14	15	15	2	2	1	1	1	1	2	3	2	6
20	2	2	2	2	2	2	2	4	12	14	15	16	15	15	15	16	9	4	4	5	12	13	11	10	9
21	5	4	4	7	5	4	5	4	3	3	3	3	3	3	3	3	3	4	4	2	2	2	2	2	3
22	1	1	1	1	1	1	1	2	3	2	2	2	2	2	2	2	3	3	3	5	5	5	3	2	2
23	2	2	2	2	2	3	3	3	6	7	4	2	2	2	2	3	2	1	1	1	1	1	2	3	2
24	3	2	2	1	2	1	2	2	2	2	2	3	3	3	3	2	2	2	2	1	1	1	1	1	2
25	1	1	1	1	3	2	2	3	4	8	8	6	5	4	4	4	4	4	3	3	2	2	2	2	3
26	2	1	1	1	1	1	2	2	4	4	1	1	****	****	1	1	2	2	2	3	4	3	2	1	2
27	1	1	1	1	1	1	1	2	3	2	2	2	3	2	2	3	5	6	9	10	10	6	4	2	3
28	2	2	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	0	1	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1
31	0	0	0	0	0	0	0	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	3	3	2	2	3	3	2	3	5	5	4	3	4	4	4	3	4	4	4	4	4	4	3	3	3.4

PERCENTAGE OF DATA VALID - 52.6 PERCENTAGE OF DATA INVALID - 19.8 PERCENTAGE OF DATA UNAVAILABLE - 27.7

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	2	3	2	5	17	13	2
3	14	6	2	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1	0	1	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	6	14	3	1	1	3	1	1	1	1	2	1	0	0	0	0	6	2
7	17	15	9	7	7	9	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	2	4
8	1	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1	1	1	0	0	0	0	0
9	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	2	3	1	1	1	2	1
10	1	0	1	1	1	0	0	0	1	1	0	1	1	1	1	0	0	1	1	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	1	10	14	12	7	8	12	3
12	7	4	3	3	3	3	5	7	8	6	5	7	6	****	1	2	6	8	10	7	0	0	1	0	4
13	0	0	0	0	0	0	0	0	1	1	0	1	1	****	0	0	1	2	7	9	5	4	3	1	2
14	1	0	0	0	0	0	1	6	11	11	12	7	7	5	5	3	0	0	0	0	0	0	0	2	3
15	5	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	1	0	0	0	0	1	2	1	1	1	****	0	0	1	1	1	1	1	0	0	0	0	1
17	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	****	1	1	10	20	24	15	3	2	4
18	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	1	2	4	7	6	4	3	2	1	****	0	0	0	0	1	2	2	1	0	0	2
20	0	0	0	0	0	0	0	1	3	2	2	2	1	1	0	1	1	0	2	1	7	6	19	14	3
21	13	8	5	13	14	5	5	2	2	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	3
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	2	1	0	0	0	1	0
24	2	2	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	2	3	2	1	1	0	0	0	1
27	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
28	1	1	9	9	2	0	0	3	12	2	3	1	****	0	0	0	0	0	2	9	19	41	9	0	5
MEAN	2	1	1	1	1	1	1	2	3	1	1	1	1	1	0	0	1	1	2	3	3	3	2	2	1.5

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	0
2	2	2	1	0	0	0	2	6	10	1	0	0	****	0	0	0	0	0	0	0	1	1	0	0	1
3	0	0	0	0	0	0	3	12	6	0	0	0	0	0	0	0	0	0	3	7	3	6	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	1	2	11	15	16	22	9	0	0	0	0	0	0	0	0	0	0	3	12	7	6	9	5
8	20	12	11	5	1	1	3	10	6	3	0	1	****	1	0	0	0	0	1	1	0	1	1	1	3
9	0	0	1	2	3	4	15	21	14	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3
10	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	16	21	29	3
13	2	1	0	0	0	0	0	0	0	0	2	3	1	1	1	1	1	0	0	0	1	1	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	1	0
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	2	2	8	6	1
18	8	10	10	9	7	5	6	6	2	0	0	0	0	0	0	0	0	0	0	1	14	11	0	0	4
19	0	0	0	0	0	2	3	6	1	0	0	0	****	0	0	0	0	0	0	13	28	17	13	10	4
20	15	16	10	8	9	9	10	12	4	1	3	3	1	1	0	0	0	1	10	39	34	6	14	11	9
21	7	9	7	5	1	0	5	16	5	0	1	1	0	0	0	0	0	0	3	20	26	24	24	26	8
22	17	14	9	9	10	4	3	4	3	3	2	1	1	1	1	0	0	0	0	1	5	0	0	3	4
23	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	5	0	0	1
24	1	0	0	0	0	0	0	0	0	0	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	0
28	5	7	8	5	7	6	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	3	5	2	2	2	2	2	2	1	1
30	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	2	9	4	8	2	1	2
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
MEAN	3	2	2	2	2	2	2	4	2	0	0	1	0	0	0	0	0	0	1	3	5	4	3	3	1.8

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	2	9	****	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	2	1	1
4	1	1	1	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	1	1	2	1	3	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	1	1	4	2	1	1	0
11	1	1	0	1	2	1	5	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
20	0	0	0	2	2	3	4	6	3	2	3	1	1	0	0	0	0	0	0	1	2	10	35	14	4
21	11	13	12	17	13	15	13	2	1	1	1	1	0	0	0	0	0	0	2	4	2	4	0	1	5
22	7	9	6	11	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	8	18	5	7	7	4
23	7	11	8	4	2	5	9	3	2	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	2
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	0	0	0	0	0	0	0
27	0	2	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	21	21	10	1	3
29	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0
30	0	1	2	0	0	1	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	0	0	0	0
MEAN	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	1	0.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	3	3	1
2	S	5	3	1	9	11	20	13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	0	****	0	6	3	2	11	1	0	0	0	0	0	1
4	0	0	0	0	0	1	2	0	0	0	0	0	1	1	0	1	0	1	0	0	1	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	1	1	0	0	0
8	0	0	0	0	1	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	1	1	0	0	0	1	2	0	0	0	1	2	1	1	2	1	2	2	2	2	2	3	8	4	2
10	5	7	7	4	7	11	10	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3
11	0	0	0	0	0	1	1	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	8	2	0	1
14	0	0	0	0	0	1	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	2	4	3	1
15	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	12	3	4	1
17	S	10	8	9	9	1S	16	10	4	0	1	0	****	0	0	0	0	0	0	0	0	6	17	21	6
18	19	11	8	4	10	12	S	1	0	1	0	0	0	0	0	0	0	0	0	0	0	9	10	2	4
19	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
20	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	0
21	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	1	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	2	S	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1
2S	0	0	0	0	0	0	1	2	1	2	****	****	1	2	2	2	3	2	2	1	1	1	1	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	1	0
28	3	0	0	0	0	3	10	3	1	0	0	0	****	0	0	0	0	0	0	0	1	0	0	0	1
29	0	0	0	0	4	4	7	6	3	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	1
30	8	6	1	0	0	0	0	3	3	2	0	0	0	0	0	0	0	0	0	0	2	21	22	23	4
31	16	9	3	S	6	13	15	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MEAN	2	2	1	1	2	3	3	2	1	0	0	0	0	0	0	0	0	1	0	0	1	2	3	2	1.1

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUN 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0
2	1	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	4	8	4	1
4	4	9	S	3	0	0	1	1	0	0	0	****	0	0	0	0	1	1	1	0	0	0	0	0	1
S	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	1	1	0	0
8	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	3	9	1	0	1
12	0	0	0	0	0	2	2	1	0	0	0	0	0	0	****	****	0	1	0	0	0	0	0	0	0
13	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	S	7	7	11	1
14	3	0	0	0	1	10	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1S	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
17	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	17	14	9	2
19	4	0	0	0	0	3	S	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1
20	12	10	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	2
21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	0	1
25	1	1	1	1	1	1	2	4	2	2	1	0	0	0	0	0	0	0	0	0	3	16	27	20	3
26	11	6	4	4	6	13	13	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0.7

PERCENTAGE OF OATA VALIO - 99.2 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
3	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	3	4	6	2	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	3	1	0	0	0	0
6	0	0	0	0	0	1	1	1	0	0	1	****	0	0	0	0	0	0	0	0	1	4	1	1	0
7	1	1	1	0	3	6	5	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	2	1
8	9	6	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	26	28	3
9	15	3	1	1	3	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	0	2
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
11	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0
12	3	3	9	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	1
13	9	3	4	1	1	2	5	5	1	1	1	0	0	0	0	0	0	0	0	0	1	12	15	7	3
14	3	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0
16	1	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	2	2	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	1	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
19	0	0	1	1	2	7	6	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	3	2	1
20	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	3	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
23	0	0	0	0	0	2	5	3	0	0	0	****	0	0	0	0	0	1	1	1	0	0	1	0	1
24	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	3	0	1	0	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1
27	0	0	0	0	0	1	1	1	2	2	1	****	0	0	0	0	0	0	0	0	0	0	2	16	1
28	14	7	3	3	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
29	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	27	12	4	2
30	2	0	0	1	1	9	14	5	2	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	2
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0.8

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	3	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	3	0
3	3	1	0	0	0	4	3	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	2	0	1
4	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	23	10	2	2
7	5	7	5	2	3	12	25	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
8	0	0	0	0	0	1	2	1	1	1	0	1	0	0	0	0	0	0	0	0	4	3	3	1	1
9	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
10	0	0	0	0	0	0	0	4	6	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
11	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	21	42	31	12	5
13	7	6	6	5	2	8	22	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
14	0	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	2	2	2	1	0
16	0	0	0	0	0	2	3	2	2	2	1	0	0	0	0	0	0	0	0	3	12	2	1	0	1
17	1	1	0	0	1	6	12	16	****	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
19	1	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	8	4	3	1
20	3	2	0	1	1	7	9	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	10	2
21	7	7	3	1	3	7	12	10	6	1	0	0	0	0	0	0	0	0	0	5	11	28	13	11	5
22	8	3	0	0	0	5	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	5	0
26	5	8	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1	1	1
27	0	0	0	0	0	1	3	8	2	0	0	****	0	0	0	0	0	0	0	0	0	1	1	5	1
28	6	5	2	0	0	2	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	4	3	1	0
31	0	0	0	0	1	5	8	9	2	1	0	0	0	0	0	0	0	0	0	0	1	4	19	19	3
MEAN	1	1	1	0	0	2	4	3	1	0	0	0	0	0	0	0	0	0	0	0	3	4	3	2	1.2

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	12	4	2	5	9	15	20	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	4
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
4	0	0	0	0	0	1	2	6	4	3	0	****	1	1	1	1	1	1	1	1	2	6	21	13	3
5	9	4	3	3	6	8	14	15	2	1	0	0	0	0	1	1	1	1	1	1	2	2	1	2	3
6	1	1	1	1	1	2	6	3	2	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
7	0	0	0	0	0	1	2	2	1	1	1	****	2	1	1	2	2	1	1	1	1	1	1	1	1
8	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	13	3	6	4	2
9	3	2	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	1	4	8	1
10	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0
11	0	1	1	0	2	3	10	12	6	6	4	0	1	0	0	0	0	0	0	1	12	29	24	11	5
12	0	0	0	0	4	13	20	21	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	3
13	2	5	6	7	11	17	24	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
14	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	2	3	0	0	3	1
16	4	8	2	0	0	0	1	2	1	1	1	0	0	0	1	1	1	0	0	1	2	1	0	0	1
17	1	1	0	0	0	1	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	7	2	1	0	1	1	0	0	0	0	0	0	5	7	3	7	2	2	2
20	4	6	3	3	8	12	24	21	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
21	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	1	2	6	2	1	1	1	1
22	0	0	0	0	0	0	1	2	3	3	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
23	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	7	28	40	28	14	11	5
24	12	15	12	10	0	10	27	25	6	0	0	0	0	0	0	0	0	0	0	0	13	25	20	9	8
25	3	5	11	12	11	11	7	11	5	1	2	1	0	0	0	0	0	0	0	1	1	1	11	10	4
26	1	0	0	0	0	1	4	4	1	1	1	0	0	0	0	0	0	1	17	23	16	7	11	8	4
27	4	5	2	4	5	16	34	33	11	4	0	0	0	0	0	0	0	0	0	16	33	32	30	28	11
28	26	21	17	13	14	15	1	0	0	0	0	0	0	2	1	0	0	0	0	13	18	25	16	12	8
29	6	9	12	10	13	15	9	3	0	0	0	0	0	0	0	0	0	0	0	5	18	10	10	4	5
30	8	8	7	1	2	3	2	2	2	1	0	0	0	0	0	0	0	0	2	8	5	0	0	0	2
MEAN	3	3	3	2	3	5	7	6	2	1	1	0	0	0	0	0	0	0	1	4	6	6	6	4	2.9

PERCENTAGE OF DATA VALID - 99.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	0	0	0	8	14	8	8	****	9	2	1	0	0	0	0	2	1	5	10	16	17	5
2	12	1	0	1	0	2	4	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	1	0	****	5	1	2	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	12	3	0	0	0	0	0	10	1	1	1	3	5	2	1	0	1	0	2
5	0	0	0	0	0	1	9	15	6	0	4	1	1	1	1	6	14	8	3	1	0	0	0	0	3
6	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0
9	1	4	1	0	0	0	0	0	0	0	0	0	0	1	1	2	1	3	12	11	8	13	11	6	3
10	3	2	1	2	4	15	20	23	22	10	3	1	1	1	1	1	1	1	1	8	4	6	13	4	6
11	1	1	1	1	10	13	24	34	20	12	11	1	1	1	1	1	1	1	1	1	1	1	1	1	6
12	1	1	1	1	1	1	5	11	10	2	1	1	****	1	2	5	8	5	15	6	1	1	1	1	4
13	0	0	0	0	0	1	1	2	2	1	1	1	1	1	1	1	1	1	1	3	2	1	6	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	3	0	0	1
15	0	0	0	0	0	1	9	13	11	10	11	****	1	0	0	0	0	1	9	20	16	0	3	1	5
16	9	7	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	1	8	17	2
17	13	15	14	14	14	16	20	18	15	13	19	****	4	6	7	8	7	9	11	13	20	20	29	32	15
18	14	2	1	0	0	1	2	4	6	3	1	1	1	1	1	1	1	0	1	2	3	1	1	1	2
19	1	1	1	1	1	0	0	1	1	1	1	1	****	1	1	1	1	1	7	0	0	0	1	1	1
20	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	1	0	1
21	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	1	0	0	0
22	0	1	1	1	1	1	3	7	2	1	1	****	0	0	0	0	0	0	0	5	4	3	3	1	1
23	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1
24	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	0
26	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0
27	0	2	2	1	1	0	0	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
29	0	0	0	0	0	0	1	3	1	1	0	0	0	0	1	1	1	1	1	1	1	4	17	14	2
30	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	19	1
MEAN	2	1	1	1	1	2	4	5	4	2	2	1	1	1	1	1	1	1	2	2	2	2	4	4	2.1

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - NOV 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	18	19	11	2	0	0	3	13	24	1	0	0	0	1	2	1	2	14	4	1	1	1	1	1	5
2	1	1	0	0	0	1	1	5	8	2	1	1	1	1	0	1	1	3	5	8	4	2	2	3	2
3	6	10	12	4	5	4	4	6	6	1	1	1	0	0	0	1	0	1	1	3	4	2	1	3	3
4	3	2	1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	3	4	1	6	16	8	11	3
5	15	13	8	8	6	6	13	30	36	10	4	2	0	0	0	0	0	0	0	****	1	9	18	14	8
6	8	8	9	7	8	9	10	14	15	16	11	4	2	2	3	4	3	4	9	18	18	16	15	18	10
7	11	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1
8	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	1	3	5	5	7	10	15	2
9	11	8	11	11	8	7	11	22	31	20	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6
10	4	2	2	2	1	0	0	1	1	1	1	0	0	0	1	1	1	1	1	2	1	1	1	1	1
11	1	1	1	0	0	0	0	0	1	3	1	0	1	0	0	0	0	0	1	1	1	1	1	2	1
12	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	****	6	15	24	19	14	8	11	5
13	12	10	9	8	6	6	5	5	6	4	2	2	2	****	****	****	****	****	****	****	****	****	****	****	******
14													- OATA INVALIO -												
15													- OATA INVALIO -												
16	****	****	****	****	****	****	****	****	****	****	****	****	****	0	1	1	1	1	1	1	1	1	1	0	******
17	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	7	22	30	40	39	28	9	7	8
18	8	6	7	6	6	6	6	8	11	6	3	2	3	2	2	2	1	0	0	0	0	0	2	2	4
19	1	0	0	0	0	0	0	2	5	5	1	****	0	0	0	0	0	1	8	9	10	10	11	6	3
20	6	9	7	7	12	6	1	1	1	0	1	0	0	0	0	1	1	2	1	1	3	7	2	0	3
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	2	2	2	4	4	6	1
24	8	6	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	7	4	8	5	6	13	28	4
25	32	33	22	12	7	4	4	5	6	8	3	1	1	0	0	0	0	0	0	0	0	0	0	0	6
26	0	0	0	0	0	2	1	1	0	1	1	1	****	1	1	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	5	9	7	5	1	0	0	2
28	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
29	0	0	0	0	0	0	0	2	2	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	1	2	2	3	2	2	1	1	2	1
MEAN	5	5	4	2	2	2	2	4	6	3	1	1	1	0	1	1	1	3	4	5	5	5	4	5	3.0

PERCENTAGE OF OATA VALIO - 89.3 PERCENTAGE OF OATA INVALIO - 9.0 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	2	2	3	5	9	10	8	6	4	2	1	1	1	1	3
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	9	6	4	7	3	3	2
3	1	1	1	1	1	1	1	2	2	1	1	1	1	0	0	0	0	0	0	0	2	0	0	0	1
4	0	1	1	1	1	1	1	2	3	2	1	1	1	1	0	1	1	2	8	4	2	3	2	2	2
5	1	1	1	1	0	0	0	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	0	0	0	0	0	2	4	6	3	1	2	2	2	2	3	2	2	2	2	2	2	2	2	2
7	1	1	1	1	1	3	3	9	3	0	0	0	0	1	1	0	0	1	1	0	1	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
9	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	1	1	1	1	1	0
10	0	0	0	0	0	2	6	10	1	0	1	1	****	1	2	2	1	1	0	0	1	0	0	1	1
11	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	1
13	1	1	1	1	1	1	2	3	3	1	1	1	1	3	5	7	8	8	9	8	6	4	1	1	3
14	1	1	1	1	1	1	2	2	2	2	2	2	0	1	1	1	1	1	2	2	2	2	2	2	1
15	1	2	2	3	3	3	4	11	14	5	3	2	2	1	1	1	1	1	1	1	1	1	1	1	3
16	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	1	2	3	7	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1
18	0	0	0	0	0	1	1	1	2	1	2	1	1	****	****	****	11	13	14	9	0	0	0	0	3
19	0	0	0	0	1	0	0	0	0	1	1	1	1	4	0	1	1	1	1	0	4	1	3	4	1
20	4	3	3	1	2	2	4	7	8	7	9	10	12	13	14	6	18	23	26	33	24	23	23	17	12
21	17	18	14	12	10	11	18	25	32	26	17	13	****	****	7	3	1	1	14	18	45	61	51	45	21
22	42	26	22	4	1	1	1	0	0	1	2	4	2	4	4	4	5	4	9	7	14	19	7	7	8
23	7	2	1	1	2	1	1	1	1	2	1	1	1	1	1	2	2	1	1	2	3	4	6	5	2
24	3	4	4	5	3	5	3	1	2	2	1	0	0	0	0	0	0	0	0	0	0	2	2	2	2
25	3	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
27	0	0	0	0	0	0	0	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1
30	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	5	19	9	6	7	13	25	5
31	29	16	4	1	1	1	2	6	7	10	3	1	1	1	1	1	1	1	10	6	10	12	13	4	6
MEAN	4	3	2	1	1	1	2	3	3	3	2	2	1	2	2	2	2	3	5	4	4	5	4	4	2.8

PERCENTAGE OF OATA VALIO - 98.9 PERCENTAGE OF OATA INVALIO - 1.1 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	3.4	9	18
FEB	28	1.5	5	41
MAR	31	1.8	9	39
APR	30	0.8	5	35
MAY	31	1.1	6	23
JUN	30	0.7	3	27
JUL	31	0.8	3	28
AUG	31	1.2	5	42
SEP	30	2.9	11	40
OCT	31	2.1	15	34
NOV	26	3.0	10	40
DEC	31	2.8	21	61
YEAR	346	1.8	21	61

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 44010 1298 REBECCA ST OAKVILLE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	327	31	33	0	0	0	0	391
FEB	606	36	22	1	0	1	0	666
MAR	659	41	26	9	2	0	0	737
APR	684	15	12	2	1	0	0	714
MAY	684	33	15	4	0	0	0	736
JUN	691	13	9	1	0	0	0	714
JUL	713	15	7	3	0	0	0	738
AUG	689	29	14	5	1	1	0	739
SEP	604	43	48	18	5	0	0	718
OCT	648	35	46	4	2	0	0	735
NOV	520	69	39	9	6	0	0	643
DEC	648	43	27	11	2	3	2	736
YEAR	7473	403	298	67	19	5	2	8267

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
94.4	0	0.0	0.0	0.0	0.6	4.7	9.6	15.4	20.9	61	1.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10	-	-	-	-	-	-	-	-	-	-	-	****	3	1	1	1	2	2	1	1	0	0	0	0	******
11	0	0	2	2	2	3	6	9	6	5	3	4	5	5	3	2	2	3	3	2	1	1	1	1	3
12	1	1	2	2	1	1	2	2	3	3	3	4	4	5	6	8	9	9	8	8	5	3	2	2	4
13												- DATA INVALID -													
14												- DATA INVALID -													
15												- DATA INVALID -													
16												- DATA INVALID -													
17												- DATA INVALID -													
18												- DATA INVALID -													
19	****	****	****	****	****	****	****	****	****	****	****	****	****	2	2	4	3	4	1	1	1	1	0	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23	****	****	****	****	****	****	****	****	****	****	****	****	****	5	4	6	5	5	2	1	0	0	0	0	******
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	****	1	1	1	1	1	1	1	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	****	****	1	1	1	1	0	0	0	1	1	1	0
27	1	1	0	0	0	0	1	1	1	1	2	1	2	1	1	2	2	2	3	4	4	4	3	2	2
28	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	1	0	0	0	1	1	1	1	1	1	2	2	1	2	2	2	1	1	1	1	1	1	1.1

PERCENTAGE OF DATA VALID - 36.2 PERCENTAGE OF DATA INVALID - 33.3 PERCENTAGE OF DATA UNAVAILABLE - 30.5

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
10	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	7	8	1
12	6	5	2	2	3	3	5	4	2	1	1	2	2	2	2	2	2	1	1	2	1	0	0	0	2
13	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	0	0	0	1	1	1	0	0	0
14	0	0	0	0	0	0	1	2	3	2	1	****	2	1	2	3	4	2	2	1	1	1	1	0	1
15	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	4	5	3	1	0	0	0	0	1
16	0	0	0	0	0	0	2	2	3	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0
18	0	1	1	0	0	0	0	0	0	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1
19	0	0	0	1	1	2	10	12	7	5	3	****	****	1	1	2	0	0	0	14	14	6	5	5	4
20	4	4	5	4	3	1	3	3	4	5	5	3	3	2	2	2	3	6	5	4	8	11	8	12	5
21	17	11	6	4	3	3	4	8	7	6	5	7	10	12	6	2	2	2	2	1	1	1	0	0	5
22	0	0	0	0	0	0	0	0	0	0	****	0	1	0	0	1	3	3	5	9	6	5	3	1	2
23	1	0	0	0	0	0	1	1	1	1	1	2	2	2	3	4	7	12	10	10	13	11	9	8	4
24	2	1	3	3	2	1	2	1	2	1	1	0	1	1	1	1	0	0	0	1	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	1	0	0	0	-	0	1	1	1	0	0	0	0	0	0	0	0
28	0	0	0	2	4	7	15	11	5	6	6	5	5	4	2	1	2	3	12	18	22	11	10	10	.7
MEAN	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	2	2	3	2	2	2	1.3

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	8	3	1	0	0	0	1	1	1	1	1	2	2	2	1	2	3	6	4	2	1	1	1	1	2
2	0	0	0	0	0	0	0	1	1	1	1	****	0	0	0	0	1	6	9	9	6	5	3	2	2
3	2	2	2	1	0	0	1	1	2	3	4	5	3	3	3	2	2	2	1	2	2	3	3	3	2
4	1	1	1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	2	2	4	2	2	2	3	1
5	2	2	2	1	1	4	10	5	5	4	3	2	1	2	2	1	1	1	6	7	4	2	2	1	3
6	1	2	1	2	2	3	7	9	12	10	10	****	4	4	6	3	2	2	2	1	1	2	1	1	4
7	1	1	0	0	0	0	20	30	18	7	2	2	2	2	2	2	2	4	8	6	6	5	6	8	6
8	3	1	1	0	0	0	1	3	3	1	0	1	0	0	0	1	1	2	2	1	1	1	1	1	1
9	1	0	0	0	1	5	18	32	11	7	****	****	3	3	4	6	10	9	5	5	3	2	2	2	6
10	1	1	1	1	1	0	1	1	1	2	2	3	2	2	2	2	2	1	1	1	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0
13	4	2	2	1	0	1	4	3	4	3	4	3	****	4	5	7	14	19	7	1	1	1	1	1	4
14	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	0
16	6	8	4	2	1	2	5	4	2	1	0	****	****	1	2	1	1	0	0	7	12	4	1	1	3
17	1	1	2	5	7	8	8	7	4	1	0	2	2	3	4	5	6	6	6	5	4	4	3	4	4
18	3	3	2	1	0	0	1	1	1	0	0	0	1	1	1	1	1	1	7	12	5	2	1	1	2
19	1	0	0	0	0	0	4	2	1	1	****	2	2	2	1	2	2	4	9	7	6	12	16	16	4
20	6	2	1	0	0	2	5	9	3	1	0	0	1	1	2	4	5	2	1	1	2	2	1	1	2
21	1	3	2	2	1	1	7	7	3	2	2	2	3	2	2	3	3	3	5	9	14	26	34	41	7
22	32	16	12	16	14	6	8	10	3	4	5	3	3	4	4	5	5	7	16	23	14	10	19	11	10
23	3	1	0	0	0	0	1	1	1	1	****	2	2	2	4	3	3	4	4	3	2	2	2	1	2
24	1	0	0	0	0	0	1	0	1	1	1	1	2	2	3	3	2	2	1	1	1	1	1	2	1
25	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	1	1	1	1	1	3	5	5	5	2	1	2	****	****	****	2	2	2	2	2	2	3	2	4	2
29	4	2	2	2	2	9	22	29	18	6	3	5	2	1	1	1	1	2	1	2	1	6	10	5	6
30	2	1	1	0	0	0	1	2	3	3	5	****	6	9	9	16	16	20	8	5	19	23	28	19	9
31	15	10	3	7	5	3	1	1	2	2	4	2	1	1	1	1	1	1	1	1	0	1	1	1	3
MEAN	3	2	1	1	1	2	4	5	3	2	2	2	2	2	2	2	3	4	4	4	4	4	5	4	2.8

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	1	1	2	3	3	2	2	2	2	2	1	1	1	1	0	1
2	0	0	0	0	0	0	1	1	2	2	2	4	3	4	6	11	9	3	2	1	2	2	1	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0
4	0	0	3	4	4	3	5	3	2	2	****	1	1	1	1	2	2	2	1	1	1	0	0	0	2
5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	5	2	1	1	1
6	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	1	1	2	2	3	2	3	3	4	4	3	2	2	1	1	0	1
9	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	3	5	3	1	1
10	1	0	0	0	0	0	1	1	1	1	1	1	0	****	0	1	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	1	1	1	2	2	****	****	****	3	4	4	6	8	10	10	1	1	1	3
12	0	0	1	0	1	1	1	1	2	1	1	2	2	2	3	7	5	4	3	5	4	1	1	1	2
13	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	0	0	0	0	0	1	1	1	1	1	1	1	2	3	3	2	2	1	1	1	1	2	1
15	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0
17	0	0	0	0	0	0	0	0	1	0	0	0	****	0	1	1	1	1	1	1	1	1	1	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	0	2	2	6	8	4	3	****	****	2	2	2	2	3	3	9	18	19	21	24	6
21	23	28	31	28	18	14	9	3	5	4	4	5	4	9	5	5	4	5	5	4	3	3	7	7	10
22	4	3	2	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	3	4	6	10	9	4	3
23	2	2	1	1	1	1	1	1	1	3	3	1	0	1	1	1	2	2	7	7	11	15	13	7	4
24	3	2	3	2	2	2	6	6	6	4	3	3	3	3	2	2	2	5	4	3	1	1	1	1	3
25	0	0	0	0	0	1	2	4	4	2	3	3	3	3	2	2	2	5	10	13	15	12	5	3	4
26	2	1	1	2	2	2	4	6	6	5	4	4	4	4	3	6	5	5	5	4	2	1	1	1	3
27	1	1	1	1	1	1	1	1	1	1	1	****	1	1	0	1	1	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	2	2	3	4	4	5	7	6	4	3	4	5	4	3	3	1	3
29	3	2	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	2	5	8	4	0	1
30	1	0	0	1	2	3	7	4	2	2	****	2	2	3	4	3	3	3	2	1	1	1	5	2	2
MEAN	2	2	2	1	1	1	1	1	2	1	1	2	2	2	2	2	2	2	2	3	3	3	3	2	1.9

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	1	2	1	1	1	1	3	1	1	1	2	2	4	4	4	1	1	3	1	0	1
3	0	0	0	0	0	1	1	1	1	1	2	2	2	2	3	6	9	7	7	3	1	1	1	0	2
4	-	-	-	-	-	-	-	-	****	1	1	1	1	3	3	5	1	1	1	1	1	1	0	0	*****
5	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	0	1	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	7	2	3	3	2	1	0	1
8	0	0	0	0	0	5	14	7	4	3	2	3	3	2	2	2	1	3	5	4	3	1	1	1	3
9	1	1	1	7	8	16	23	7	2	0	0	0	0	0	0	0	1	1	1	1	1	4	3	10	4
10	11	16	15	15	17	16	25	15	6	1	1	****	2	2	3	3	3	2	1	4	2	1	3	7	7
11	5	4	4	0	0	10	3	2	2	3	3	3	2	3	3	4	5	3	2	1	2	1	0	1	3
12	5	1	0	1	0	0	2	1	1	1	3	1	1	1	1	1	1	1	1	1	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	0
14	3	2	3	3	1	2	10	2	3	2	1	1	1	2	3	3	3	1	6	3	8	7	5	0	3
15	0	1	0	0	1	1	1	7	12	7	5	2	1	1	1	1	1	1	0	1	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	1	2	3	8	3	4	2	3	2	3	2	1	4	4	5	5	7	9	7	7	10	4	4
18	3	1	0	0	1	2	4	4	4	3	5	****	3	2	3	3	3	4	2	2	2	2	0	0	2
19	1	1	1	0	1	1	2	2	2	3	2	2	2	1	1	1	2	2	2	2	1	1	2	1	2
20	1	1	0	0	0	1	1	1	2	2	2	1	1	1	1	1	1	1	2	1	1	1	6	6	1
21	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	1	1	1	1	****	2	2	1	1	1	3	4	3	3	3	3	1	1	1	1
23	0	0	0	0	0	1	1	1	1	3	3	3	2	2	2	2	5	3	4	4	3	2	1	0	2
24	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	2	2	4	5	7	7	3	1	0	2
25	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1
26	0	1	0	0	1	1	1	2	2	3	5	4	4	3	3	2	2	3	2	2	1	1	1	0	2
27	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	2	3	1	1
28	0	0	0	0	0	1	3	3	4	3	3	****	1	1	1	1	2	1	1	3	4	3	2	2	2
29	3	2	4	3	2	2	5	8	12	9	5	4	5	2	2	2	3	6	6	5	6	3	2	2	4
30	2	2	1	1	4	4	3	3	1	1	3	1	1	1	1	1	1	1	1	1	1	2	4	8	2
31	7	7	6	3	3	3	16	14	7	****	****	2	1	1	2	2	2	2	4	6	4	4	3	1	5
MEAN	2	2	1	1	1	3	4	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2.0

PERCENTAGE OF DATA VALID - 98.0 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	4	7	8	2	1	2	2	1	1	3	4	4	5	6	6	11	5	6	7	4
2	7	4	1	4	6	2	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1
3	2	2	1	1	2	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	1	1	0	3	1
4	5	3	2	1	3	5	6	5	1	1	****	1	1	1	1	1	1	1	1	1	2	1	0	1	2
5	2	1	1	1	1	8	2	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1
6	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	3	3	2	3	5	5	3	1	2	2
7	1	1	0	0	0	2	2	4	4	3	3	2	2	2	2	2	1	2	1	1	1	1	1	1	2
8	1	1	1	4	6	14	12	6	3	3	2	****	2	2	2	1	1	1	1	1	1	3	4	5	3
9	4	5	3	4	3	6	5	7	3	3	2	2	3	3	2	3	3	3	2	2	2	1	1	1	3
10	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	1
12	0	0	0	0	0	0	1	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	1	1	1	0	0	0	0	****	****	0	0	0	0	0	0	1	2	5	1
14	8	7	6	1	2	16	8	7	6	2	1	1	1	2	2	3	2	3	1	3	1	1	3	1	4
15	3	2	3	8	5	3	17	5	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2
16	0	0	0	0	0	2	2	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	2	3	1
17	4	2	2	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	7	11	4	1
19	1	0	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	2	5	8	9	7	3	2
20	1	1	1	0	0	2	2	4	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	0	0	1	2	2	2	2	3	6	5	5	3	3	3	2	2	2	2	2	2	2	2
22	2	1	1	1	1	2	6	5	3	5	4	4	3	1	1	1	1	0	0	0	0	0	0	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	1	1	1	0	1	2	****	1	0	0	1	1	1	1	1	2	10	20	15	3
26	9	7	5	1	2	5	6	6	3	2	2	2	1	2	2	3	3	2	1	3	2	1	2	2	3
27	3	4	2	0	0	0	1	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	1
28	0	0	0	0	1	3	4	6	8	7	6	4	2	2	3	2	2	2	3	5	3	2	7	2	3
29	0	0	1	0	2	4	4	4	2	2	2	2	4	3	3	4	4	2	1	2	2	2	1	1	2
30	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	1	0	0	0	1
MEAN	2	1	1	1	1	3	3	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1.7

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 4SO2S RITSON RD/OLIVE AVE, OSHAWA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	0	1	3	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	****	0	1	6	4	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	****	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	3	3	1	2	1	0	0	0	0	0	0	0	0	0	2	8	9	7	2
8	5	3	5	2	1	1	1	0	2	1	1	0	1	1	0	0	0	0	0	2	3	1	2	1	1
9	0	0	0	0	0	2	6	8	4	3	2	1	1	1	3	2	2	2	2	1	0	0	1	1	2
10	0	0	0	1	1	6	7	3	2	****	4	4	5	5	5	5	5	3	3	4	2	1	1	1	3
11	1	1	1	2	2	3	5	3	2	3	2	2	2	1	1	1	1	1	1	1	1	1	1	2	2
12	3	7	5	2	2	4	7	1	2	1	2	2	1	1	1	1	1	1	1	1	2	7	8	9	3
13	3	1	2	1	3	13	20	10	5	3	2	2	1	1	1	1	1	1	2	7	2	1	6	10	4
14	5	4	3	2	1	1	1	1	2	1	2	2	2	2	2	2	2	1	1	1	1	1	2	3	2
15	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	1	1	1	1	1	2	1	2	2	2	2	1	1	1	0	0	0	0	1
18	0	0	0	0	0	2	1	2	2	2	3	2	1	1	1	1	0	0	0	0	3	2	0	0	1
19	0	0	0	2	1	2	2	1	0	0	****	1	1	1	1	1	1	0	0	1	1	6	1	2	1
20	3	2	1	1	2	3	3	2	3	1	0	0	0	0	0	0	0	0	0	2	4	4	5	5	2
21	4	5	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1
22	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
23	0	0	0	0	0	2	2	4	2	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1
24	1	1	1	1	1	3	4	2	1	1	2	****	2	2	2	2	2	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	2	2	2	2	1	2	3	2	2	1	1	2	1	1	1	1	1	1	1
26	1	1	1	1	1	1	2	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	3	11	5	1
28	3	1	1	0	0	0	0	1	2	2	2	2	2	1	1	1	1	0	1	1	1	1	1	0	1
29	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	2	4	3	1
30	0	0	0	0	0	2	5	6	4	3	****	2	1	1	1	2	2	3	2	2	2	1	1	1	2
31	0	0	0	0	0	1	4	2	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	1	1
MEAN	1	1	1	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 4SO2S RITSON RD/OLIVE AVE, OSHAWA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	1	2	2	1	1	2	4	3	3	3	2	2	2	3	4	3	1	1	1	2
2	1	1	1	1	1	3	7	5	3	2	2	2	2	1	1	1	1	1	2	2	4	3	1	1	2
3	1	3	3	5	5	3	5	5	1	1	1	1	1	1	2	2	2	2	2	2	2	5	2	3	3
4	2	1	1	1	2	2	6	5	1	2	2	1	1	1	1	1	1	1	1	1	2	1	1	1	2
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	4	2	1	0	0
7	0	0	0	0	1	3	4	2	1	2	4	****	5	3	1	1	1	1	1	1	1	0	0	0	1
8	0	0	0	0	1	1	1	2	2	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1
9	0	0	0	1	0	3	2	2	2	****	3	2	3	3	4	4	4	5	4	4	3	2	1	1	2
10	0	0	0	0	0	1	1	2	5	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	1	1	1	1	1	1	0	0	0
12	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	3	7	7	8	8	3	2
13	1	0	0	1	1	3	4	4	2	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
16	0	0	0	0	0	2	2	1	0	0	0	0	1	****	1	1	1	0	1	2	9	5	3	1	1
17	1	0	0	0	1	7	8	4	4	5	5	5	5	2	2	2	3	2	1	3	3	3	1	2	3
18	3	1	0	0	1	1	1	2	3	4	3	3	4	3	3	3	2	2	2	1	2	1	1	5	2
19	7	5	4	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	2	6	2	0	0	1
20	0	0	0	0	0	1	1	1	1	3	1	1	1	1	1	2	3	3	3	4	5	7	6	4	2
21	3	3	2	1	2	13	17	4	1	0	1	1	1	1	1	1	1	1	0	2	8	12	3	2	3
22	1	0	0	0	0	1	1	1	1	2	2	2	2	2	3	2	3	3	3	1	2	2	2	0	2
23	0	0	0	0	0	2	4	5	4	3	5	6	5	4	6	4	6	5	4	3	4	2	3	1	3
24	1	1	1	2	2	1	2	2	1	1	2	2	2	2	2	1	2	2	1	1	1	1	1	1	1
25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
26	2	1	1	1	1	0	1	0	0	1	2	2	2	2	2	1	1	2	2	3	2	1	1	0	1
27	0	0	0	0	0	0	4	5	1	1	1	1	1	0	1	0	1	1	3	6	5	5	2	1	2
28	0	0	0	0	0	2	2	2	3	3	1	3	3	3	3	4	3	4	2	2	2	1	1	1	2
29	0	0	0	0	0	3	4	5	3	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
30	5	5	6	1	0	1	6	8	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	2
31	0	0	0	0	0	3	3	2	2	4	3	3	3	3	3	3	3	4	7	7	8	3	3	4	3
MEAN	1	1	1	0	1	2	3	2	1	2	2	2	2	1	2	1	1	1	2	2	3	2	1	1	1.5

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 4SO2S RITSON RO/OLIVE AVE, OSHAWA MONTH - SEP 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	2	1	0	0	1	2	3	2	3	2	1	1	1	1	1	1	1	1	0	0	1	0	0	1
2	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	2	2	1	1	1	3	3	2	1	3	3	4	3	3	4	6	3	2	1	2
5	1	0	0	0	0	10	3	2	2	2	2	2	1	1	3	3	4	3	1	0	0	0	0	0	2
6	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	0	0	1	0	0	0	0	1
8	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
9	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	1	1	1	1	1	****	0	0	1	1	1	0	0	0	0	0	3	4	1
11	3	5	4	3	4	11	12	6	1	1	0	1	0	1	1	-	1	1	2	7	S	3	3	1	3
12	0	0	0	0	0	2	3	3	2	2	2	2	1	2	2	2	2	3	3	2	1	1	0	0	1
13	0	0	0	0	0	2	3	4	2	1	1	2	1	****	1	2	2	3	3	2	1	0	1	0	1
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
16	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	4	0
17	S	3	3	2	4	8	24	7	S	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	3
18	0	0	0	0	0	1	2	2	1	1	1	0	0	0	0	0	0	0	0	****	0	0	0	0	0
19	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	****	0	0	0	0	1	3	0
20	5	S	2	1	1	S	7	S	S	1	2	1	****	1	1	1	1	1	1	1	0	1	1	3	2
21	5	6	1	1	1	6	9	10	7	2	2	2	1	0	1	1	0	0	0	2	****	2	1	1	3
22	1	1	S	7	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
23	1	0	0	0	0	0	0	0	0	1	1	2	2	2	1	1	2	4	8	1S	18	10	6	4	3
24	1	0	0	0	1	3	3	3	3	2	2	2	2	2	3	3	3	3	S	3	2	1	3	2	2
2S	3	3	2	1	2	7	11	18	14	3	2	2	****	****	2	1	1	0	1	4	13	18	17	16	6
26	S	2	4	3	4	1	2	4	1	0	0	0	1	1	1	1	1	1	6	23	20	13	11	S	5
27	2	1	2	3	3	4	9	7	5	5	2	2	****	1	1	2	S	S	8	4	2	3	2	1	3
28	0	1	0	0	1	6	8	8	11	8	2	2	4	3	6	S	S	6	10	4	2	1	1	1	4
29	2	2	2	2	0	1	2	3	1	1	3	2	1	2	2	3	2	3	4	3	1	1	0	0	2
30	1	0	0	0	0	0	1	0	2	1	1	1	1	1	1	1	2	2	1	1	1	7	1	1	1
MEAN	1	1	1	1	1	2	4	3	2	1	1	1	1	1	1	1	1	1	2	3	3	2	2	2	1.6

PERCENTAGE OF OATA VALIO - 98.6 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 4SO2S RITSON RO/OLIVE AVE, OSHAWA MONTH - OCT 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	3	3	2	1	1	1	3	2	S	4	4	4	S	4	1	2	3	2	0	2
2	0	0	0	0	0	1	1	1	1	1	1	****	2	1	3	2	1	1	1	0	1	1	1	0	1
3	0	0	0	0	0	2	2	3	3	2	4	3	3	4	2	3	3	S	13	4	0	2	2	2	3
4	0	0	0	0	1	4	4	9	10	11	8	****	2	2	5	6	7	7	6	3	4	6	8	6	S
S	3	1	0	1	1	3	4	4	4	3	4	4	4	4	6	7	S	4	S	1	1	1	1	1	3
6	1	1	0	0	1	1	1	2	3	3	2	2	1	2	2	3	3	1	2	1	1	1	1	1	2
7	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
8	0	-	0	0	0	0	0	0	0	0	0	0	1	1	1	3	3	5	S	6	4	3	1	1	1
9	1	1	0	1	0	1	1	1	1	1	-	****	1	1	1	1	1	2	1	1	1	S	7	7	2
10	6	3	-	1	2	****	6	4	3	3	3	4	4	3	4	S	4	3	2	2	2	3	2	2	3
11	0	0	0	4	7	9	15	11	7	4	3	4	3	****	****	4	3	2	2	1	2	2	2	1	4
12	0	0	0	1	1	4	6	4	4	4	3	3	2	1	2	2	4	7	7	8	6	1	1	2	3
13	1	1	0	0	0	1	2	3	3	2	1	1	1	0	0	1	1	1	0	0	0	0	0	1	1
14	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	3	1	1
1S	1	2	1	1	1	4	3	-	6	****	S	6	S	3	2	3	4	2	1	1	1	1	0	1	2
16	0	0	0	0	0	1	2	2	1	2	2	-	****	2	3	3	4	S	5	4	3	2	1	1	2
17	0	1	0	0	0	4	9	-	-	7	7	8	7	12	20	2S	17	22	30	2S	26	29	24	12	13
18	13	13	2	0	0	1	2	3	2	1	4	4	3	4	6	6	****	10	13	17	13	8	7	3	6
19	1	0	0	0	0	2	2	2	2	2	2	4	4	4	7	-	-	8	3	2	0	0	2	0	2
20	0	0	1	0	0	0	0	2	2	1	2	1	1	1	2	3	S	7	3	3	3	4	8	3	2
21	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	9	7	11	6	7	2
22	8	S	2	3	2	21	28	21	16	5	2	1	1	1	1	1	3	10	3	S	S	3	4	0	6
23	0	0	0	0	0	10	7	9	4	3	1	2	3	2	2	2	2	1	1	2	1	1	1	1	2
24	0	0	0	0	1	1	1	2	2	2	2	2	2	3	1	1	0	0	0	0	0	-	0	0	1
2S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	****	-	0	-	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	2	4	2	4	4	4	3	4	4	3	2	1	1	1	1	1	2
28	1	1	-	0	0	0	0	0	0	2	3	0	1	1	1	1	1	2	3	1	0	0	0	0	1
29	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	1	3	3	1	2	1	1	2	1	1
30	1	1	0	0	0	0	1	2	4	1	2	2	3	2	3	3	S	6	3	2	1	1	1	1	2
31	1	0	0	0	0	0	2	3	2	1	1	2	2	0	1	2	2	2	1	1	1	2	1	2	1
MEAN	1	1	0	0	1	2	3	3	3	2	2	2	2	2	3	3	3	4	4	3	3	3	3	2	2.4

PERCENTAGE OF OATA VALIO - 96.9 PERCENTAGE OF OATA INVALIO - 1.3 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	2	3	5	5	4	3	3	3	2	4	4	6	3	6	11	1	0	0	3
2	0	1	0	1	2	1	3	4	10	9	5	1	2	2	1	1	2	3	3	2	1	4	2	0	3
3	0	0	0	0	0	0	1	2	1	2	4	3	1	1	2	1	1	2	0	0	0	0	0	-	1
4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	12	15	16	2
5	10	3	2	3	2	4	8	13	14	8	2	3	2	2	4	8	10	9	6	4	5	6	5	3	6
6	3	1	2	1	1	1	4	7	5	4	5	5	6	9	10	9	7	9	4	3	4	3	4	3	5
7	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
8	0	2	2	0	0	-	****	0	1	1	1	1	1	1	1	3	2	2	1	1	1	3	5	4	2
9	6	10	14	7	6	3	8	12	11	3	1	2	3	****	24	2	2	1	2	-	1	1	2	2	6
10	5	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	-	0	0	0	0	0	0	1	2	2	-	1	0	0	0	0	0	0	0	0	1	1	0
12	1	0	0	-	0	0	0	1	0	0	0	0	1	0	2	4	7	5	8	19	11	4	1	0	3
13	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	2	1	2	4	1
14	0	0	1	2	0	1	2	0	1	0	0	****	0	0	0	0	0	0	0	2	1	0	0	0	0
15	1	0	1	2	2	2	7	13	12	1	1	1	1	1	2	3	5	7	5	6	4	1	0	0	3
16	0	0	0	0	0	0	0	4	1	0	0	0	****	1	3	4	6	4	3	1	2	2	2	2	2
17	2	2	1	1	1	1	1	1	3	3	4	3	2	1	1	2	3	4	6	5	3	3	11	22	4
18	41	37	23	21	17	10	8	4	3	2	4	3	4	4	4	5	4	4	5	5	4	3	2	2	9
19	1	1	1	1	1	1	3	4	5	5	6	6	7	7	8	10	16	14	9	6	5	4	6	5	6
20	3	4	7	5	3	5	10	15	11	11	13	14	4	4	4	5	2	2	1	1	1	1	1	1	5
21	1	1	1	1	1	2	6	5	6	4	4	4	4	3	2	4	3	-	2	2	2	2	2	2	3
22	2	1	2	3	4	5	9	16	32	24	16	7	4	2	3	4	3	3	3	4	4	2	2	2	7
23	3	2	3	2	5	9	-	12	19	9	7	10	11	9	13	30	41	26	23	25	12	12	8	9	13
24	6	-	5	4	2	1	1	2	1	1	1	1	1	1	2	2	2	3	6	6	12	****	10	22	4
25	38	37	38	25	17	7	5	3	2	2	3	3	3	3	3	2	2	2	1	1	1	1	1	1	8
26	1	1	1	1	1	1	3	5	5	4	4	4	2	3	2	2	2	2	1	1	1	1	1	1	2
27	1	1	1	1	1	1	1	2	2	3	3	****	1	2	2	2	3	2	3	3	3	4	4	4	2
28	2	1	0	0	0	1	4	3	1	0	0	0	0	0	0	0	0	2	2	1	1	1	0	0	1
29	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	-	****	2	1	2	1	3	1	1
30	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	2	3	3	4	5	1
MEAN	4	4	4	3	2	2	3	4	5	4	3	3	2	2	3	4	4	4	3	4	3	3	3	4	3.4

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RO/OLIVE AVE, OSHAWA MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	0	2	2	1	2	6	3	0	3	4	3	2	2	****	1	1	1	1	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	1	0
3	3	2	3	3	3	3	2	2	4	3	2	2	2	1	1	1	****	1	1	0	0	0	0	0	2
4	0	0	0	0	0	1	1	2	4	4	4	9	0	0	0	0	0	1	1	3	2	3	3	3	2
5	3	1	1	1	1	1	4	5	6	9	4	2	1	1	2	1	2	2	2	1	1	1	1	1	2
6	1	1	1	0	1	1	8	9	8	4	4	4	5	4	4	5	5	3	2	3	6	6	2	3	4
7	3	3	3	4	4	5	19	30	16	3	2	2	2	2	2	2	2	3	4	3	1	1	1	2	5
8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	2	3	2	0	0	0	1
10	0	0	0	1	1	1	3	4	5	3	3	2	3	3	3	4	4	4	3	3	3	3	6	23	4
11	16	2	1	0	0	1	2	3	4	4	2	2	2	2	2	2	2	2	2	3	2	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	1	2	3	1	1	2	1	1	1	3	8	5	6	4	1	1	1	2	2
14	2	0	0	0	0	0	1	3	4	4	3	1	0	****	1	0	1	1	1	1	1	0	0	0	1
15	0	0	1	3	1	6	7	1	1	3	2	2	2	2	2	2	2	3	5	3	3	2	2	2	2
16	1	2	1	1	1	1	1	1	1	2	3	3	4	5	3	3	1	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	1	1	1	1	2	4	3	1	1	1	1	1	0	0	0	0	0	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	2	4	4	2	1	2	1	1	0	1
19	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	0	1
20	0	0	0	0	0	1	1	2	3	2	2	****	3	3	3	3	4	3	3	3	4	13	24	15	4
21	26	18	16	10	12	16	29	29	21	13	11	9	10	11	10	11	10	10	9	7	6	10	12	18	14
22	11	7	9	2	0	1	2	2	5	15	23	20	12	19	20	18	17	17	15	18	13	7	7	6	11
23	5	5	4	2	1	0	1	1	2	12	19	10	7	5	4	6	2	2	4	12	12	11	13	18	7
24	10	16	16	9	4	2	1	2	1	****	****	4	3	2	2	2	2	1	1	1	1	1	1	1	4
25	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	9	4	2	6	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	1	0	0	0	3	0
30	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	1	3	6	4	18	28	19	6	3	3	4	3	4	3	4	7	8	35	29	25	26	-	10
MEAN	3	2	2	1	1	2	3	4	4	3	3	3	2	2	2	2	3	2	3	4	3	3	3	4	2.7

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF OATA INVALID - 0.9 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE. OSHAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	10	1.1	4	9
FEB	28	1.3	7	22
MAR	31	2.8	10	41
APR	30	1.9	10	31
MAY	30	2.0	7	25
JUN	30	1.7	4	20
JUL	31	1.2	4	20
AUG	31	1.5	3	17
SEP	30	1.6	6	24
OCT	31	2.4	13	30
NOV	30	3.4	13	41
DEC	31	2.7	14	35
YEAR	343	2.0	14	41

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 45025 RITSON RD/OLIVE AVE, OSHAWA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	259	10	0	0	0	0	0	269
FEB	617	28	16	1	0	0	0	662
MAR	631	60	28	7	3	1	0	730
APR	661	31	11	5	1	0	0	709
MAY	674	40	13	2	0	0	0	729
JUN	669	37	8	0	0	0	0	714
JUL	715	19	3	0	0	0	0	737
AUG	712	24	3	0	0	0	0	739
SEP	664	29	15	2	0	0	0	710
OCT	643	53	15	10	0	0	0	721
NOV	593	60	32	11	5	2	0	703
DEC	645	40	38	12	1	0	0	736
YEAR	7483	431	182	50	10	3	0	8159

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT										ARITH MEAN
	MIN	10	30	50	70	90	95	98	99	MAX	
93.1	0	0.0	0.0	0.5	1.5	4.4	7.1	12.9	18.0	41	2.0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C ND 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	6	2	2	2	2	2	2	2	1	2	2	3	5	4	7	5	3	2	1	1	2	2	1	3
2	1	1	1	1	1	1	1	2	2	1	1	1	2	1	2	2	4	4	2	1	1	1	1	1	2
3	1	1	1	1	1	1	1	2	2	1	1	1	1	****	1	2	2	1	2	1	1	1	1	1	1
4	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	3	4	6	5	7	5	4	4	2
6	3	3	3	4	3	3	3	5	4	3	2	2	1	2	1	1	2	2	2	2	2	1	2	2	2
7	2	4	3	1	1	1	1	2	2	3	2	2	4	4	5	6	7	5	4	4	3	3	3	2	3
8	2	1	1	1	1	1	2	5	8	6	3	2	2	2	2	2	3	4	3	2	2	2	2	2	3
9	1	1	1	1	1	1	1	2	3	2	2	2	1	2	2	2	3	4	4	3	3	2	3	2	2
10	2	2	1	1	1	1	2	5	5	4	2	3	2	3	2	2	4	4	7	****	6	2	2	4	3
11	2	2	3	3	3	3	8	22	31	11	4	2	2	2	2	2	3	11	20	28	26	11	15	10	9
12	17	17	13	7	7	9	12	22	30	27	12	2	2	1	1	1	1	6	25	38	51	63	55	39	19
13	30	26	23	17	12	8	2	3	3	3	4	3	2	2	2	2	2	2	3	2	2	2	2	4	7
14	3	3	3	3	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	2	2	3	2	2	2	1	1	1	1
16	1	1	1	1	1	1	2	7	14	7	5	3	2	2	2	2	4	7	8	****	5	9	13	14	5
17	12	10	7	9	17	19	4	2	2	2	2	2	3	3	6	6	10	15	12	2	2	1	1	1	6
18	1	1	1	1	1	1	1	3	5	3	2	1	2	1	2	2	3	4	5	5	4	4	3	2	2
19	3	2	1	1	1	2	5	10	15	17	16	14	19	18	19	7	2	2	1	12	9	4	2	1	8
20	1	1	1	3	4	4	4	7	9	10	10	9	10	11	12	8	5	10	12	11	10	10	7	5	7
21	5	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	1	2
22	1	1	1	1	1	1	1	2	3	2	2	2	1	1	1	1	2	2	2	2	2	4	4	3	2
23	1	1	1	1	1	1	2	4	4	4	3	2	1	1	2	2	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	1	2	2	4	2	2	2	2	2	3	2	2	2	****	1	1	1	1	1	2
25	1	1	1	2	2	1	2	4	5	4	4	4	4	3	3	3	3	3	2	2	3	2	2	2	3
26	1	1	1	1	1	1	1	2	4	3	2	2	2	2	2	****	3	3	3	3	3	3	2	2	2
27	2	1	1	1	1	1	1	2	3	4	3	3	5	7	7	6	8	9	9	10	10	9	5	4	5
28	5	3	3	2	1	1	1	1	1	1	2	2	2	3	2	2	2	2	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1
30	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	2	4	5	3	2	1	1	2
31	1	1	1	1	1	1	1	4	6	3	3	3	1	1	1	1	2	2	2	2	1	1	1	1	2
MEAN	4	3	3	2	2	2	2	4	6	4	3	3	3	3	3	3	3	4	5	5	5	5	5	4	3.6

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C ND 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	3	4	5	5	7	8	16	35	4
3	16	14	6	3	1	1	2	5	4	4	3	2	2	1	2	2	1	3	4	5	6	8	5	6	4
4	9	4	3	3	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
5	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	3	4	2	1	1	1	1	1
6	1	1	1	1	1	1	2	10	24	23	14	9	2	2	2	2	2	2	5	15	17	16	21	22	8
7	17	13	13	9	10	10	21	32	4	2	1	3	4	5	1	1	1	****	1	2	9	9	8	3	8
8	2	2	1	1	1	1	1	2	3	2	1	1	1	1	1	1	2	4	3	2	2	2	1	1	2
9	1	1	1	1	1	1	1	3	3	2	2	****	2	2	2	2	3	6	8	7	5	5	6	5	3
10	2	1	1	1	1'	2	4	5	3	4	4	3	2	2	2	2	1	2	2	2	2	1	1	2	2
11	2	2	2	2	1	1	1	2	1	1	1	****	2	4	2	2	2	2	12	17	19	22	9	12	5
12	11	13	10	7	6	8	13	18	24	15	12	9	9	4	7	8	9	9	9	5	2	2	2	2	9
13	1	1	1	1	1	1	2	4	4	3	2	2	2	2	2	2	3	5	4	6	7	2	3	4	3
14	3	2	1	1	2	2	2	9	14	11	10	9	9	8	7	9	2	1	1	1	1	4	7	4	5
15	3	2	1	1	1	1	3	7	9	7	6	4	2	2	1	****	1	1	1	1	1	1	2	1	3
16	1	1	1	1	1	1	1	4	6	3	2	2	2	1	1	1	2	3	2	2	1	1	1	1	2
17	1	1	1	1	1	1	1	2	2	2	2	2	2	****	2	2	2	4	7	8	4	3	2	3	2
18	3	3	3	2	2	2	3	6	4	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	2
19	1	1	1	3	3	5	5	10	9	8	7	5	4	3	2	1	1	2	12	8	10	4	2	1	5
20	1	1	1	1	1	1	3	2	2	1	2	2	2	1	1	1	1	2	3	3	6	12	13	22	4
21	25	17	12	9	7	7	9	8	8	6	6	7	5	2	2	2	2	2	2	2	1	1	1	1	6
22	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	4	4	****	4	3	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	2	2	2	4	7	11	12	16	12	9	9	5	6	5
24	8	6	1	1	1	1	1	5	5	2	1	1	1	1	1	1	2	2	3	2	2	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	3	3	4	3	1	1	1	2
26	1	1	1	0	D	1	2	4	6	2	1	1	2	****	1	2	5	6	5	4	2	1	1	2	2
27	1	1	1	1	1	1	1	3	3	2	1	2	2	2	1	2	2	3	1	3	2	1	2	4	2
28	11	13	11	5	4	5	12	18	1D	5	3	2	4	1	1	1	1	4	****	25	30	22	3D	15	1D
MEAN	5	4	3	2	2	2	3	6	6	4	3	3	3	2	2	2	2	3	4	5	6	5	5	6	3.7

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - MAR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	3	3	2	1	1	2	3	2	2	1	1	1	1	2	3	13	18	19	8	11	10	4	5
2	2	1	1	1	1	1	2	5	6	9	5	4	2	2	2	4	4	3	****	3	5	3	5	4	3
3	5	1	1	1	1	1	3	15	5	1	2	2	1	1	1	1	1	1	1	2	3	3	2	2	2
4	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	8	6	3	9	9	11	13	18	16	5
5	6	2	2	3	1	1	1	3	2	1	1	1	1	1	1	2	1	3	****	3	3	5	2	8	2
6	1	2	2	2	2	1	2	5	3	2	2	1	1	1	1	1	1	1	2	1	1	1	1	2	2
7	1	3	1	3	4	5	14	25	29	15	1	1	1	3	1	1	1	1	****	4	4	2	3	10	6
8	19	15	4	1	1	1	5	10	14	12	4	3	2	1	1	1	3	4	4	4	3	3	3	2	5
9	1	1	1	1	1	1	4	13	18	9	6	2	****	1	1	2	2	2	3	3	1	1	2	3	3
10	3	2	3	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	2	10	24	3
13	14	9	3	1	1	1	2	2	3	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
16	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	3	4	8	6	8	18	3
17	25	19	15	13	10	12	16	16	5	1	****	****	2	1	1	1	1	1	3	3	2	4	7	15	8
18	16	15	11	6	3	2	4	5	3	4	1	1	1	1	1	1	1	1	3	14	15	8	1	1	5
19	1	1	1	1	1	4	12	17	5	5	2	9	13	9	10	2	1	1	2	18	18	14	14	14	7
20	18	13	4	3	2	3	9	13	10	6	3	2	2	2	2	2	2	4	9	31	9	3	4	2	7
21	1	1	1	1	1	1	6	16	19	14	4	1	1	1	1	1	1	1	3	24	22	23	32	29	9
22	15	5	5	2	1	1	2	6	7	6	8	3	2	2	1	1	1	1	4	****	17	4	2	12	5
23	14	23	23	16	8	9	14	23	4	2	2	2	2	2	2	2	2	2	2	4	20	13	1	1	8
24	3	7	2	2	1	1	1	2	2	2	2	5	4	15	18	8	3	12	16	15	7	3	3	2	6
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
26	1	1	1	1	1	1	1	1	2	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	****	2	2	2	2	2	1
28	4	5	4	3	3	7	5	10	3	1	1	1	1	1	9	1	1	1	1	1	1	1	2	1	3
29	2	2	2	2	3	5	5	13	5	3	2	3	4	3	4	6	10	9	7	8	10	15	10	6	6
30	2	2	1	1	1	1	2	4	5	3	3	3	4	5	6	7	14	21	15	28	49	47	16	11	10
31	2	2	2	3	5	3	4	6	6	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2
MEAN	5	5	3	3	2	2	4	7	5	4	2	2	2	2	3	2	2	3	4	7	7	6	5	6	4.0

PERCENTAGE OF DATA VALID - 98.5 PERCENTAGE OF DATA INVALID - 1.5 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	3	4	3	5	5	14	5	4	5	3	2	2	2	2	1	1	1	3
3	1	1	1	1	1	0	1	2	2	2	2	1	1	1	1	1	2	2	3	4	4	5	4	4	2
4	4	4	2	1	1	3	10	25	3	2	3	1	1	1	1	1	1	****	1	1	1	1	1	1	3
5	1	1	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	2	1	1	0	1	1	1	1	3	2	1	4	4	2	2	1	1
9	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1	2	2	3	4	7	10	8	5	2	3
10	1	1	1	1	1	1	1	3	2	1	2	2	1	1	1	1	2	2	3	4	4	4	3	3	2
11	4	6	2	2	2	1	6	17	2	1	9	3	8	2	1	1	1	1	1	1	1	1	1	1	3
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	****	****	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1	4	8	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1
17	1	1	1	1	1	1	1	2	4	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1
18	1	1	1	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	****	2	1	1	1	1
19	1	1	1	1	0	1	3	7	3	1	1	0	1	1	1	1	1	1	1	3	5	3	1	1	2
20	1	1	1	1	1	1	3	8	9	8	3	3	1	1	1	1	1	1	2	8	19	24	28	13	6
21	7	8	10	8	16	23	16	7	1	1	2	1	1	1	1	1	1	1	2	3	5	7	7	1	5
22	2	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	15	5	1	2	2
23	2	2	1	1	1	3	8	13	8	6	3	1	1	1	1	1	1	1	2	8	23	26	22	21	7
24	15	8	4	6	12	11	9	8	9	8	3	1	1	1	0	0	0	0	0	1	1	1	1	1	4
25	2	5	6	1	1	1	1	6	9	2	1	2	1	1	****	2	2	2	1	1	1	4	4	5	3
26	11	2	1	1	1	3	8	10	3	2	2	2	1	1	1	2	2	3	2	2	1	1	1	1	3
27	2	3	1	0	0	0	1	2	3	2	2	1	2	2	2	4	4	6	5	5	3	2	1	1	2
28	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	2	2	4	13	16	16	12	4
29	6	1	1	1	1	1	1	1	1	****	1	1	1	1	1	1	1	1	1	1	3	3	2	1	1
30	2	2	2	1	1	4	5	3	2	1	2	2	3	1	1	2	1	1	1	2	3	2	1	1	2
MEAN	3	2	2	1	2	2	3	5	3	2	2	1	2	1	1	1	1	2	2	3	4	4	4	3	2.3

PERCENTAGE OF DATA VALIO - 99.2 PERCENTAGE OF OATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 OUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - MAY 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	1	1
2	1	2	2	1	3	9	10	11	8	1	1	1	0	0	0	1	0	0	0	1	0	0	0	1	2
3	1	0	0	0	0	0	1	1	2	2	3	6	2	2	4	6	13	11	5	1	1	1	1	1	3
4	1	1	0	0	0	1	3	1	1	1	1	1	1	2	1	2	2	1	1	2	1	1	1	1	1
5	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1
6	2	1	1	1	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	0	0	0	1	1	3	12	10	9	3	2	2	1	1	1	2	2	2	3	5	4	5	6	20	4
9	17	10	6	14	14	10	25	16	5	1	2	2	1	1	1	2	1	1	1	2	3	3	1	1	6
10	1	1	1	1	2	6	12	9	1	1	1	1	1	1	1	1	1	1	2	1	1	1	3	7	2
11	6	1	1	1	1	4	7	5	2	3	2	1	2	1	1	2	2	2	2	2	2	2	4	6	3
12	2	2	2	2	3	4	3	9	9	3	2	2	1	1	1	2	2	3	2	2	2	2	2	2	3
13	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	7	4	1	2
14	1	1	1	2	2	9	8	3	2	3	1	1	2	1	2	2	****	2	2	2	2	3	5	5	3
15	2	4	2	2	2	3	5	7	3	3	2	2	2	2	2	2	3	4	6	3	2	3	2	2	3
16	2	2	1	1	1	2	3	2	2	2	1	1	1	1	2	2	2	1	1	2	4	8	2	6	2
17	6	5	3	1	1	4	14	14	9	1	1	0	0	0	0	0	0	0	1	1	2	7	6	7	3
18	4	5	4	4	6	10	17	11	1	1	1	1	1	1	1	1	1	****	0	1	1	7	12	8	4
19	4	0	0	0	0	1	5	0	1	0	1	0	0	1	1	1	1	1	1	1	2	2	4	1	1
20	1	3	9	9	6	3	1	0	0	0	0	0	0	0	0	1	0	0	0	1	3	7	5	4	2
21	4	6	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
22	1	0	0	0	0	2	7	6	5	1	0	0	0	0	0	0	0	****	0	2	3	3	1	0	1
23	0	0	0	0	1	6	11	10	7	1	0	0	0	0	0	0	0	0	1	2	1	0	1	1	2
24	1	0	0	0	0	1	6	6	3	1	1	1	0	0	0	1	1	1	5	2	4	7	9	5	2
25	0	0	0	0	0	1	3	4	2	1	1	2	3	3	2	3	3	1	2	2	1	1	2	1	2
26	0	0	0	0	0	0	0	1	****	2	1	2	1	1	1	1	0	0	0	0	3	2	1	0	1
27	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	6	5	6	3	1
28	3	2	2	1	0	3	5	3	1	2	4	1	4	2	0	0	1	3	6	10	7	3	2	1	3
29	1	1	1	2	1	4	8	11	9	3	1	0	0	0	0	0	1	1	1	1	4	2	3	6	3
30	8	7	7	3	1	4	6	6	4	1	0	0	0	0	0	0	0	0	0	0	2	8	11	20	4
31	10	9	8	6	6	8	13	14	7	3	1	0	2	5	0	0	0	0	0	0	2	11	10	8	5
MEAN	3	2	2	2	2	3	6	5	3	1	1	1	1	1	1	1	1	1	2	2	2	3	4	4	2.3

PERCENTAGE OF DATA VALIO - 99.5 PERCENTAGE OF OATA INVALIO - 0.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 OUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JUN 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	13	9	5	3	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5	6	3
2	8	8	6	2	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	2	4	2	2	1	2
3	0	0	0	0	0	0	0	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	****	******
4													- OATA INVALIO -												
5	****	****	****	****	****	****	****	****	****	****	****	****	1	1	1	1	1	1	1	2	1	0	0	0	******
6	1	1	1	1	0	0	1	2	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1
7	0	0	0	0	0	2	5	7	3	1	1	1	0	0	0	1	1	1	0	0	1	2	5	5	2
8	2	1	1	0	1	1	1	3	4	3	2	1	0	0	****	****	1	1	0	1	1	1	1	1	1
9	2	5	4	5	6	13	12	10	8	6	4	4	4	4	4	3	3	4	3	3	4	4	5	6	5
10	5	5	3	2	2	3	3	3	3	3	3	3	2	1	1	0	0	0	0	0	0	0	0	0	2
11	0	0	0	0	0	1	2	2	1	2	1	1	5	5	5	6	5	5	5	5	6	6	4	3	3
12	2	2	2	1	1	2	4	5	2	2	2	2	2	2	2	2	3	3	2	3	4	4	3	2	2
13	2	2	1	1	1	2	4	4	2	2	2	1	1	1	1	****	2	2	2	3	6	7	19	21	4
14	15	4	3	1	3	4	16	6	3	1	1	1	1	1	1	1	1	1	1	1	2	5	3	3	3
15	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	2	2	2	3	3	3	4	4	4	2
16	4	4	4	3	3	3	3	3	3	5	****	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17	3	3	3	3	3	4	5	3	2	2	2	3	2	2	2	2	2	2	3	5	3	2	2	2	3
18	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	1	1	2	13	6	4	2	2
19	2	2	2	1	2	5	11	15	4	1	1	1	1	1	1	1	1	1	1	1	5	6	1	2	3
20	2	1	1	3	6	6	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	5	10	2
21	9	3	2	1	2	5	8	6	5	4	4	3	3	2	2	2	2	3	6	8	3	3	3	3	4
22	3	5	5	4	3	3	4	5	8	5	4	3	4	4	4	4	4	4	3	3	3	2	2	2	4
23	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	2	2	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	2	1	1	0	0	1
25	0	0	0	0	0	2	4	5	5	2	0	0	0	0	0	0	0	0	0	1	5	13	10	11	2
26	12	9	5	4	1	9	14	12	2	1	1	****	0	0	0	0	0	0	0	0	0	1	4	6	4
27	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1
28	0	0	0	0	0	1	2	3	2	4	2	****	0	0	0	0	0	0	0	1	1	0	0	0	1
29	1	1	0	0	0	0	1	0	0	0	0	0	0	3	1	1	1	2	0	0	3	2	1	0	1
30	0	0	3	2	0	0	0	1	1	0	0	0	0	0	3	3	2	2	1	1	1	1	1	1	1
MEAN	3	3	2	2	2	3	4	4	2	2	1	1	1	1	1	2	2	2	1	2	3	3	3	4	2.2

PERCENTAGE OF OATA VALIO - 92.5 PERCENTAGE OF OATA INVALIO - 7.5 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - JUL 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	1
2	3	3	2	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	0	0	1
3	0	0	0	0	0	1	3	3	1	1	0	0	1	1	1	1	1	1	1	1	****	****	****	****	1
4	****	****	****	****	****	2	7	9	3	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	2
5	0	0	0	0	0	0	3	2	1	1	1	1	D	0	0	1	0	0	1	1	2	2	1	0	1
6	0	0	0	0	0	1	3	4	3	1	1	0	1	0	0	0	0	1	1	1	2	2	1	2	1
7	2	2	2	1	1	1	2	3	4	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
8	1	3	0	1	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	S	6	11	1
9	8	7	5	4	S	7	S	1	1	1	1	6	3	2	1	1	1	1	2	2	2	3	3	2	3
10	2	3	4	2	2	4	3	7	4	4	3	4	3	3	3	3	4	4	3	3	3	3	3	3	3
11	3	3	3	3	3	5	8	7	6	4	3	3	3	3	3	3	3	3	****	6	7	7	6	6	4
12	4	4	S	4	4	4	6	8	4	4	4	4	S	4	4	4	4	4	4	4	4	6	8	6	S
13	S	7	4	4	4	S	11	14	6	4	3	4	3	3	3	3	3	3	3	3	4	9	10	14	6
14	9	9	7	4	4	4	S	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4
15	S	3	3	3	S	3	3	3	3	2	2	****	2	2	2	2	2	2	2	1	1	2	2	1	2
16	1	1	1	1	1	2	5	6	3	1	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2
17	2	2	2	2	2	3	6	8	S	4	3	3	2	2	2	2	2	2	3	3	2	2	2	2	3
18	2	1	1	1	1	2	S	S	S	2	2	1	1	1	1	1	1	1	1	1	4	4	3	2	2
19	2	1	2	1	1	4	7	10	2	1	1	1	1	1	1	1	1	1	1	1	4	9	1	2	2
20	1	1	1	1	1	1	2	S	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
21	1	2	3	3	2	2	3	S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
22	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	1
23	1	1	1	1	1	3	8	6	3	3	2	2	2	1	1	1	1	2	****	2	1	1	1	1	2
24	1	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2S	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	****	1	1	1	1	1
26	1	1	0	0	1	1	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1
27	1	1	1	1	1	3	7	6	S	3	3	2	2	2	2	2	2	2	2	2	S	6	5	6	3
28	7	S	2	2	1	2	8	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2
29	2	1	1	1	1	2	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	S	2	2	1
30	1	1	1	1	1	4	7	6	2	1	1	1	****	0	0	0	0	0	0	0	0	0	0	D	1
31	0	0	0	0	0	2	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
MEAN	2	2	2	2	2	2	4	4	3	2	1	2	2	1	1	1	1	1	1	2	2	3	2	3	2.1

PERCENTAGE DF DATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FDR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 DUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - AUG 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	2	4	S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	1	1
3	1	1	1	1	1	1	3	4	2	****	1	1	2	2	****	****	2	2	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1
S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	12	6	4	2
7	3	2	3	3	3	7	14	10	3	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	1	3	2	2	2	1	1	1	1	1	1	1	1	1	1	4	2	2	1	1
9	1	1	1	1	1	6	17	2	3	S	3	1	1	1	1	1	1	1	1	1	1	1	1	2	2
10	1	1	0	0	1	1	1	S	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
12	1	1	0	0	0	1	2	2	1	0	0	1	0	0	0	0	0	0	0	3	4	23	12	6	2
13	4	S	0	0	0	3	8	13	6	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1	2
14	1	1	1	1	1	1	4	S	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
1S	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	2	4	S	2	1
16	1	0	0	0	0	2	7	11	S	1	1	0	0	0	0	0	0	0	0	S	11	9	5	1	2
17	1	1	2	0	1	3	9	13	7	4	2	0	0	0	1	1	1	1	3	1	1	1	0	0	2
18	1	1	0	0	0	0	0	1	4	3	3	3	4	4	3	S	6	8	6	6	12	15	17	22	S
19	22	24	24	4	4	3	3	3	2	2	2	2	2	2	1	1	2	2	2	6	10	5	4	2	6
20	3	1	1	1	1	S	9	6	S	4	2	2	2	2	2	2	2	2	2	4	9	9	14	16	4
21	12	7	3	2	2	6	12	13	7	S	4	2	1	1	1	1	1	1	2	9	23	13	2	2	6
22	1	1	1	1	1	6	13	14	4	3	****	1	1	1	1	1	1	1	1	1	1	1	1	1	3
23	1	1	1	1	2	3	4	S	4	4	4	3	3	4	2	1	2	2	2	2	2	2	2	3	3
24	4	3	3	3	3	2	3	3	2	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	2
2S	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	3	3	3	3	2
26	4	3	3	2	2	1	2	2	2	1	1	****	0	0	1	1	1	1	1	1	2	3	2	1	2
27	1	1	1	1	1	3	3	S	2	1	1	1	1	0	0	0	0	0	1	1	1	2	3	8	2
28	4	2	3	4	6	12	11	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3
29	1	2	1	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
30	3	3	S	7	4	12	26	9	1	1	1	1	1	1	1	1	1	1	2	3	3	2	2	1	4
31	1	1	1	1	1	S	13	14	9	4	1	1	1	1	1	1	1	1	1	1	1	2	10	11	4
MEAN	3	2	2	1	1	3	6	S	3	2	1	1	1	1	1	1	1	1	1	2	4	4	3	3	2.3

PERCENTAGE OF OATA VALIO - 99.3 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	7	5	6	4	3	5	9	6	3	2	1	1	1	1	1	1	1	1	1	1	1	1	4	1	3
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	1
4	1	1	1	1	1	3	8	10	10	5	2	2	1	1	1	1	0	0	1	4	5	6	13	13	4
5	8	10	11	7	6	8	16	20	10	11	8	7	15	2	1	1	1	1	1	2	3	5	6	2	7
6	2	1	1	1	1	4	7	7	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
7	1	1	1	1	1	3	5	5	3	2	2	2	****	3	3	4	4	2	2	2	1	1	1	1	2
8	1	1	0	0	0	0	2	1	2	1	1	1	1	1	0	0	0	0	1	4	4	2	2	2	1
9	2	3	3	2	1	1	2	2	1	1	0	0	****	0	0	0	0	0	0	1	2	5	1	0	1
10	0	0	0	0	1	2	2	2	1	1	1	1	1	1	1	2	3	2	1	1	2	2	3	2	1
11	1	1	1	1	2	5	14	13	5	3	2	1	1	0	0	0	0	0	1	6	11	19	28	19	6
12	15	9	0	0	1	11	24	25	3	1	****	5	13	19	4	4	4	4	4	4	4	4	4	4	7
13	4	4	7	10	10	14	21	12	5	5	5	6	6	5	6	6	5	5	5	5	5	5	5	5	7
14	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	4	4	5	4	5	5	4	4	3	4
15	3	3	3	3	3	3	5	4	3	3	3	3	3	3	3	3	3	2	1	1	1	2	3	7	3
16	4	2	1	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	0	0	0	0	1
17	0	0	0	0	0	1	5	4	1	1	1	1	0	0	1	****	0	0	0	1	0	0	0	0	1
18	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	0	0	1	3	3	1	1	****	1	1	1	1	1	2	2	6	6	4	4	5	4	2
20	3	3	3	4	4	9	18	17	10	5	2	0	0	0	0	0	0	0	0	0	0	0	0	2	3
21	2	2	2	1	0	2	9	16	4	2	1	1	1	1	1	2	2	3	5	6	3	3	3	1	3
22	1	1	1	0	1	1	2	3	3	2	2	2	1	1	1	1	1	1	2	1	1	1	0	1	1
23	1	1	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	3	9	21	27	23	18	10	5
24	10	8	6	6	6	10	20	27	18	1	1	0	0	0	0	****	0	0	2	6	15	14	15	8	8
25	5	7	8	5	3	1	2	5	1	3	3	1	1	1	0	0	0	2	1	1	1	1	2	1	2
26	0	0	0	0	0	1	3	4	2	1	0	0	0	0	0	1	0	2	13	20	16	22	14	12	5
27	10	3	1	1	2	8	24	28	17	7	2	2	1	1	1	1	1	2	6	10	30	14	7	7	8
28	9	8	6	5	6	8	22	17	14	3	2	2	3	3	4	3	2	2	7	12	9	6	6	5	7
29	7	7	6	6	11	10	10	7	5	3	1	1	1	1	1	1	1	1	2	2	5	3	5	5	4
30	3	5	6	3	1	1	1	2	3	2	2	2	2	2	2	1	1	3	7	5	2	1	1	1	2
MEAN	4	3	3	2	2	4	8	8	5	3	2	2	2	2	1	2	1	2	3	4	5	5	5	4	3.4

PERCENTAGE OF DATA VALID - 99.2 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST.MISSISSAUGA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	8	14	10	5	4	5	3	2	1	1	****	1	2	4	6	11	14	8	5
2	5	5	3	1	1	3	6	16	17	12	8	2	1	1	2	3	4	2	1	1	1	1	1	1	4
3	1	1	1	1	1	2	2	4	3	3	3	4	5	3	3	4	3	3	2	3	2	3	3	1	3
4	1	1	1	1	1	3	15	10	4	1	2	9	9	8	3	3	4	5	5	4	3	3	3	2	4
5	1	1	1	1	1	2	4	5	3	2	1	2	2	1	1	4	9	5	6	4	3	2	2	1	3
6	1	1	1	1	1	1	1	2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	4	4	2	3	2	1	2
9	2	1	1	1	2	1	2	3	2	2	1	1	1	1	2	2	****	5	10	5	2	2	3	4	2
10	3	2	3	4	4	6	12	21	17	11	4	2	0	1	1	2	6	10	13	11	11	9	9	8	7
11	4	2	4	1	1	4	17	18	15	10	7	2	0	1	1	2	2	****	1	3	1	1	1	1	4
12	0	0	0	0	0	2	4	6	2	2	1	1	0	0	1	2	1	3	13	6	2	1	1	0	2
13	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	3	2	2	1	2	1	1	2	1	1
14	2	2	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	2	3	3	2	0	1
15	0	0	0	1	0	2	7	6	3	3	2	2	1	****	****	1	1	1	4	7	7	7	6	5	3
16	7	3	3	1	0	3	8	7	3	1	1	1	1	1	1	0	0	2	2	2	3	3	3	7	3
17	19	15	10	7	9	11	17	20	23	16	18	18	17	18	27	40	40	37	39	42	48	48	61	67	28
18	36	12	1	1	1	3	8	16	16	2	1	1	1	1	1	1	1	2	5	11	11	11	3	3	6
19	2	2	1	1	1	1	2	3	2	2	2	2	1	****	2	4	4	5	13	10	2	1	1	1	3
20	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	1	1
21	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	10	17	3	3
22	1	1	1	3	3	8	20	29	25	5	1	1	1	1	1	1	1	3	16	13	14	13	11	4	7
23	2	2	1	1	1	1	1	11	5	2	1	1	1	1	2	2	2	2	2	1	1	1	1	1	2
24	0	0	0	0	0	1	1	2	1	1	1	1	1	1	2	2	2	****	1	1	1	1	1	0	1
25	0	0	0	0	0	1	3	4	2	1	1	1	1	1	1	1	2	3	4	2	1	1	1	0	1
26	0	0	0	0	0	2	4	3	2	1	1	1	1	1	2	3	3	3	2	1	2	2	1	1	2
27	1	1	0	1	2	3	3	5	2	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1
28	0	0	0	0	0	0	1	1	1	****	****	1	2	2	2	2	3	2	1	2	1	1	1	1	1
29	0	0	0	0	0	0	2	5	7	3	4	4	3	3	3	6	6	8	9	7	8	7	9	3	4
30	1	1	0	0	0	0	1	1	1	2	2	1	0	0	0	0	1	1	2	1	1	1	1	1	1
31	1	0	1	1	1	1	3	5	3	1	1	1	1	1	0	1	4	1	1	3	1	2	8	13	2
MEAN	3	2	1	1	1	2	5	7	6	3	2	2	2	2	2	3	4	4	5	5	5	5	6	5	3.5

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 1.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	11	4	2	1	0	1	4	9	9	3	1	2	2	****	12	4	7	13	19	1	2	1	1	1	5
2	1	1	0	0	0	0	2	6	5	2	1	1	-	-	-	-	-	-	-	6	7	5	7	9	3
3	8	10	13	10	7	5	5	19	7	4	1	1	0	1	1	1	1	2	2	4	5	3	3	3	5
4	2	1	1	1	1	1	1	6	4	1	1	1	2	2	1	2	4	12	11	32	43	31	16	19	8
5	21	18	12	11	12	14	27	34	43	27	4	2	****	1	1	2	S	5	6	5	8	16	30	26	14
6	22	24	20	13	12	10	16	24	30	39	29	8	6	10	9	7	9	9	13	26	32	39	40	19	19
7	8	2	1	1	1	1	1	3	3	2	1	1	1	1	1	2	2	3	3	2	1	1	2	2	2
8	4	4	2	1	1	0	0	1	1	1	1	1	1	1	2	2	2	3	4	7	8	6	6	7	3
9	13	8	10	7	6	11	20	37	S2	55	7	4	3	3	5	2	2	1	1	2	3	1	1	2	11
10	5	3	2	1	1	1	1	1	3	3	3	3	1	1	1	2	2	4	5	4	2	2	2	2	2
11	7	4	2	3	3	3	5	9	6	6	9	6	1	0	0	0	0	0	0	0	0	0	0	0	3
12	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	9	20	12	2
13	13	17	17	13	11	8	7	7	8	5	S	3	2	1	0	0	0	0	6	10	5	3	1	3	6
14	1	1	0	0	0	0	0	1	2	2	0	0	****	1	0	0	0	0	0	0	0	0	2	2	1
15	4	5	4	3	1	1	1	2	3	3	4	1	0	1	0	0	1	2	2	2	2	1	0	0	2
16	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0
17	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3	12	34	S2	58	30	17	12	9
18	9	5	4	4	6	6	7	13	12	12	13	7	****	8	7	4	2	1	1	2	3	4	5	1	6
19	0	0	0	0	1	1	1	4	4	3	3	3	4	5	4	2	2	4	6	6	6	4	4	4	3
20	2	2	2	2	3	6	17	20	6	3	2	2	2	1	1	2	3	4	3	4	4	4	3	1	4
21	6	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2
22	2	1	1	1	2	4	18	45	26	17	14	1	1	4	3	6	6	5	3	3	2	1	1	1	7
23	1	1	2	4	1	3	10	6	8	9	6	6	7	****	2	3	4	16	14	7	6	10	13	13	7
24	18	16	8	1	1	1	1	1	1	1	1	2	2	1	1	1	3	7	3	7	6	7	12	18	5
25	17	27	29	24	14	10	12	15	20	20	18	2	2	2	1	1	1	1	1	1	1	1	1	1	9
26	1	1	1	1	1	1	5	6	3	2	3	2	1	1	1	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	2	5	3	7	8	7	S	5	2
28	8	5	5	4	2	1	2	2	2	1	1	1	1	1	1	2	3	2	2	2	2	2	1	1	2
29	1	1	1	0	0	0	1	4	6	5	4	3	1	2	1	1	2	2	3	2	2	1	2	2	2
30	1	1	1	0	0	0	1	1	2	1	1	1	1	2	1	1	2	3	3	3	3	2	2	3	2
MEAN	6	5	5	4	3	3	6	9	9	8	5	2	2	2	2	2	2	4	5	7	7	6	7	6	4.9

PERCENTAGE OF DATA VALID - 98.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	1	2	6	8	7	10	11	10	9	9	4	3	3	2	1	1	4
2	1	1	1	1	1	0	0	1	1	1	1	****	2	2	1	2	5	5	2	2	8	6	5	12	3
3	5	4	2	1	2	2	3	6	8	3	2	1	1	1	1	1	2	4	4	2	2	1	1	1	3
4	1	1	1	1	1	1	2	5	5	3	2	2	1	1	1	3	4	3	2	3	4	3	4	3	2
5	3	2	3	3	2	1	1	3	4	3	2	2	1	1	1	1	2	2	1	1	1	1	1	2	2
6	1	1	1	1	1	1	2	23	14	8	4	3	3	3	2	4	S	7	5	6	5	5	4	4	5
7	4	3	3	2	1	2	7	21	28	8	2	2	1	1	1	3	5	3	3	1	2	1	1	2	4
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1
9	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	2	2	1	1	1	1
10	1	0	0	0	1	1	8	22	13	4	1	1	2	3	3	4	4	3	3	3	4	9	8	2	4
11	1	1	0	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1
12	1	1	1	1	2	2	2	4	3	2	1	1	1	1	1	1	2	3	3	3	2	1	1	1	2
13	1	1	1	1	1	1	2	6	9	8	7	5	5	6	6	7	13	14	****	10	8	6	4	1	5
14	1	1	0	1	1	1	1	4	8	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	2
15	1	2	1	2	2	2	6	13	23	16	5	2	3	2	1	1	2	5	5	4	3	2	3	3	5
16	2	2	2	2	2	1	1	1	1	2	2	2	3	4	5	2	1	1	1	1	1	1	1	1	2
17	0	0	1	0	0	1	1	7	14	9	3	1	1	1	1	1	1	2	1	1	1	1	0	0	2
18	1	1	1	1	0	0	1	S	8	4	3	3	****	****	3	5	11	18	18	6	12	6	1	1	5
19	0	0	0	0	0	1	1	3	7	6	2	4	5	5	5	5	5	5	5	8	7	5	5	4	4
20	3	3	2	1	1	1	3	7	9	10	10	10	13	14	17	17	33	65	79	70	58	36	28	28	22
21	29	31	26	21	15	14	19	33	45	54	****	48	28	6	1	2	7	8	12	22	13	11	10	7	20
22	4	7	6	2	1	1	1	1	1	2	2	3	6	7	7	8	10	9	12	16	16	18	18	12	7
23	12	7	6	4	5	5	4	5	8	8	11	7	7	9	5	8	6	10	8	6	9	12	15	16	8
24	16	9	3	3	5	7	10	9	4	2	2	2	2	2	2	2	2	2	3	5	3	5	4	6	5
25	5	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	3	4	1	1	1
27	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	2	2	3	3	2	1	1	1	1
28	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	3	5	2	2	2	2	2
29	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	2	2	1	1	2	1	2	2	3	12	14	9	15	10	6	15	4
31	18	20	3	1	1	1	1	4	7	3	2	1	2	2	2	3	4	10	5	16	17	15	11	4	6
MEAN	4	4	2	2	2	2	3	6	8	6	3	4	4	3	3	3	5	7	7	7	7	6	5	4	4.3

PERCENTAGE OF DATA VALID - 99.3 PERCENTAGE OF DATA INVALID - 0.7 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 24-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	3.6	19	63
FEB	28	3.7	10	35
MAR	31	4.0	10	49
APR	30	2.3	7	28
MAY	31	2.3	6	25
JUN	27	2.2	5	21
JUL	31	2.1	6	14
AUG	31	2.3	6	26
SEP	30	3.4	8	30
OCT	31	3.5	28	67
NOV	30	4.9	19	58
DEC	31	4.3	22	79
YEAR	362	3.2	28	79

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 46110 QUEENSWAY WEST/HURONTARIO ST,MISSISSAUGA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	639	52	32	10	3	0	3	739
FEB	538	74	37	13	2	0	0	664
MAR	596	56	64	13	2	2	0	733
APR	652	38	16	8	0	0	0	714
MAY	645	72	22	1	0	0	0	740
JUN	617	34	14	1	0	0	0	666
JUL	681	45	4	0	0	0	0	730
AUG	673	33	26	7	0	0	0	739
SEP	591	72	38	13	0	0	0	714
OCT	626	51	43	5	5	3	2	735
NOV	532	85	59	16	9	3	4	708
DEC	590	81	45	12	4	2	5	739
YEAR	7380	693	400	99	25	10	14	8621

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
98.4	0	0.0	0.5	1.0	2.2	7.2	12.0	18.6	25.1	79	3.2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	5	6	6	5	6	4	2	2	2	3	3	4	5	6	5	5	9	13	13	12	11	3	2	6
2	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1
3	1	2	1	1	1	1	1	2	3	2	3	2	2	2	2	5	19	26	6	3	2	2	2	3	4
4	2	2	2	1	2	3	3	6	9	4	3	3	2	2	2	4	7	5	2	2	1	1	1	1	3
5	1	1	1	1	1	1	1	8	12	9	5	3	3	3	4	4	7	8	7	7	4	4	5	7	4
6	4	4	4	2	3	4	3	5	6	9	9	9	7	8	6	7	12	13	15	7	7	8	6	6	7
7	5	3	2	1	1	1	1	3	3	4	5	4	4	4	3	2	2	2	1	1	1	2	2	2	2
8	1	1	1	1	1	1	2	3	5	4	3	3	3	3	3	3	3	7	3	2	2	3	5	13	3
9	18	12	11	7	1	1	2	3	5	5	5	5	4	5	6	4	6	3	3	2	2	2	2	2	5
10	1	1	1	1	1	1	2	6	9	2	2	2	2	2	3	2	2	4	3	3	1	1	1	1	2
11	1	1	1	1	1	1	2	6	6	5	5	6	7	5	6	6	10	19	32	25	18	15	11	9	8
12	10	10	7	3	2	2	6	7	7	7	7	4	4	4	****	****	4	3	5	9	7	6	2	3	5
13	3	2	2	2	2	1	1	1	2	2	2	4	4	3	3	2	3	2	2	2	2	2	2	2	2
14	3	2	2	2	2	1	2	2	3	4	4	11	10	5	2	2	2	2	1	1	1	2	2	2	3
15	2	1	1	1	1	1	1	3	6	4	3	2	2	2	2	3	3	3	2	3	13	10	6	3	3
16	2	2	2	2	2	2	3	6	6	4	3	4	****	2	2	****	****	6	9	8	9	4	6	6	4
17	11	3	3	3	3	2	1	2	3	2	2	2	2	1	1	1	1	0	0	0	1	1	1	0	2
18	0	0	0	0	0	0	1	2	2	1	1	1	2	2	2	2	2	2	2	1	1	1	0	0	1
19	0	0	0	0	0	0	1	2	3	2	6	3	2	2	2	10	13	14	10	9	16	12	8	6	5
20	7	9	2	1	1	0	0	1	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	0	2
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	0	0
22	0	0	0	0	0	0	1	2	2	2	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1
23	0	0	0	0	0	1	1	6	11	21	11	3	11	10	7	5	9	13	5	3	1	2	1	0	5
24	0	1	2	1	****	0	1	2	2	2	2	2	2	3	3	1	1	1	1	0	0	0	0	0	1
25	0	****	0	1	0	0	0	1	1	1	0	0	1	1	0	1	1	1	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	1	3	2	2	2	2	2	1	2	1	2	2	1	2	3	3	2	1
27	2	1	1	1	1	1	1	1	2	2	3	3	3	3	2	3	4	3	2	3	2	2	1	1	2
28	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	1	1	1	2	2	3	2
29	4	1	0	0	0	0	1	1	1	1	1	1	1	****	1	2	2	1	1	0	0	0	0	0	1
30	1	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	1	2	2	1	1	1	1	2	1	1	2	1	0	0	0	0	0	1
MEAN	3	2	2	1	1	1	1	3	4	4	3	3	3	3	3	3	4	5	4	4	3	3	2	2	2.9

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	1	1	1	0	0	0	0	0	0	1
2	0	1	0	0	0	0	0	1	1	1	1	1	2	1	2	2	2	2	2	2	2	1	0	0	1
3	0	1	0	0	0	0	0	0	1	1	1	2	2	2	2	2	1	2	2	2	2	4	7	13	2
4	8	14	11	7	2	1	2	2	3	4	2	1	2	2	2	1	1	0	0	0	1	2	9	10	4
5	8	10	1	1	0	0	1	1	2	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1
6	0	0	0	0	0	0	1	2	2	1	1	1	2	1	2	2	2	2	2	7	5	4	3	10	2
7	9	12	3	1	2	2	3	4	4	2	4	2	-	-	-	-	-	-	-	1	1	1	1	1	3
8	0	1	1	1	1	1	2	2	4	3	2	2	1	1	1	2	2	2	2	1	1	1	1	1	2
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	3	2	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	2	7	6	2
12	6	3	3	4	4	4	4	5	6	11	11	9	7	6	5	2	2	3	4	3	1	1	1	1	4
13	1	1	1	1	1	1	1	1	2	2	1	1	3	2	1	2	2	2	1	2	2	2	1	1	1
14	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	2	1	2	2	3	1	1	1
15	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	1
18	8	8	3	3	4	2	2	2	3	3	4	4	2	2	2	2	2	3	6	8	8	6	5	3	4
19	1	2	2	1	1	1	2	6	6	3	2	3	4	4	6	3	5	5	15	18	11	15	18	19	6
20	12	10	11	10	8	6	9	17	12	10	4	3	2	2	2	3	4	6	4	2	2	2	2	2	6
21	2	5	6	2	1	2	2	2	3	3	2	2	2	2	3	3	6	6	4	6	7	7	3	2	3
22	1	1	1	1	1	1	2	3	2	2	2	2	1	2	1	2	1	1	8	26	41	20	13	9	6
23	5	4	2	1	1	1	1	2	3	2	2	2	1	2	1	3	9	****	4	2	1	2	1	2	2
24	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0
26	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	2	3	1	1	1	1	1	1	1
28	1	0	0	0	0	1	1	10	21	20	5	2	1	1	1	1	2	2	8	4	4	9	10	8	5
MEAN	3	3	2	1	1	1	2	3	3	3	2	2	2	2	2	2	2	2	3	4	4	3	3	4	2.3

PERCENTAGE OF DATA VALID - 98.8 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 1.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY DF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC DXIDE - CHEMILUMINESCENT UNITS - D.D1 PARTS/MILLIDN

STATION - SE NO 51DD1 MCDDNALD GDN RIDEAU/WURTEMBURG ST,DTTAWA MDNTH - MAR 79

HDUR DAY	1	2	3	4	5	6	7	8	9	1D	11	12	13	14	15	16	17	18	19	2D	21	22	23	24	MEAN
1	7	3	3	1	1	1	1	1	1	2	2	1	1	1	****	****	2	1	1	1	1	1	1	0	2
2	D	****	****	D	D	0	0	1	1	1	1	1	1	1	2	4	7	7	7	5	3	4	2	3	2
3	3	4	2	1	1	1	2	2	3	4	4	5	3	3	1	2	2	3	4	3	3	2	2	2	3
4	2	3	1	1	1	1	1	1	1	2	2	2	2	3	1	1	2	2	2	2	4	3	2	2	2
5	1	1	1	1	1	1	1	5	8	5	7	7	9	13	4	4	7	6	4	3	2	2	2	3	4
6	4	1	D	0	0	D	1	3	3	3	3	5	3	2	2	3	4	6	2	3	2	2	3	2	2
7	1	1	1	0	D	D	2	4	7	5	3	4	****	****	5	5	5	6	6	7	8	9	7	5	4
8	4	4	4	4	4	4	4	5	6	4	4	3	3	4	4	4	4	4	5	7	5	4	3	3	4
9	3	3	****	****	****	****	****	****	****	****	****	****	****	****	4	4	6	8	11	7	7	6	7	6	******
10	4	3	3	3	2	2	3	3	3	3	4	5	4	4	4	4	4	5	6	5	4	3	4	3	4
11	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	1	1	2	2	1	1	****	1
13	1	6	6	6	2	3	4	10	7	4	3	3	3	3	3	5	6	2	2	2	2	2	1	1	4
14	1	1	1	1	1	1	2	2	****	****	****	1	2	2	2	2	****	****	****	2	1	2	2	1	2
15	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
16	1	1	1	0	0	0	1	2	2	2	1	1	1	2	1	1	****	****	****	****	****	****	****	****	1
17												- DATA INVALID -													
18												- DATA INVALID -													
19												- DATA INVALID -													
20												- DATA INVALID -													
21	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	3	4	****	2	19	24	18	13	9	******
22	12	5	2	2	9	3	4	6	16	14	7	5	4	5	4	5	6	9	2D	18	29	25	18	32	11
23	21	7	5	5	5	3	3	3	7	5	4	4	4	4	5	8	7	6	6	1D	18	9	7	6	7
24	5	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	5	4	4	3	4
25	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	4	6	3	4	3	3	3
26	2	2	2	2	2	2	2	3	3	2	2	2	3	2	2	2	2	2	2	2	1	1	1	1	2
27	1	0	D	D	0	D	1	1	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	2	7	5	2	2	2	2	3	3	3	3	3	4	6	5	2	2	2	3
29	2	2	2	2	2	2	4	6	8	5	5	4	6	7	5	3	3	3	2	2	2	2	2	2	3
30	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	3	3	4	5	3	2	3
31	2	2	3	2	2	2	2	6	7	11	14	14	20	12	6	4	4	3	3	2	2	2	2	2	5
MEAN	3	3	2	2	2	2	2	3	4	4	3	3	4	4	3	3	4	4	4	5	5	4	4	4	3.4

PERCENTAGE OF DATA VALID - 8D.1 PERCENTAGE OF DATA INVALID - 19.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARID MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - D.01 PARTS/MILLION

STATION - SE NO 510D1 MCDONALD GDN RIDEAU/WURTEMBURG 5T.OTTAWA MDNTH - APR 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	1	2	2	2	2	3	2	2	2	3	4	3	3	3	3	5	5	5	2
3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	3	3	3	5	6	10	11	3
4	11	7	4	2	2	2	2	2	2	2	2	****	****	2	2	3	3	2	2	2	2	2	2	2	3
5	1	1	1	1	1	1	2	5	6	4	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2
6	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	3	2	2	2	2	2	2	1	1	2
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	4	7	12	2
9	1D	4	2	1	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1D	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	2	2	2	2	2	2
11	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	3	3	3	3	4	4	3	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	5	6	5	4	3	3	3
13	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	2
14	2	2	2	2	2	2	2	2	2	3	3	4	4	4	3	3	3	3	3	3	2	2	2	2	3
15	4	5	4	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	5	2	2
17	2	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	2
18	2	2	2	2	2	2	2	2	2	2	2	****	****	****	****	3	4	4	4	4	4	4	3	3	3
19	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	4	4	4	4	4	3	3	3
20	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	5	5	5	6	7	7	18	32	22	6
21	20	26	13	6	6	6	6	7	6	5	4	4	4	5	5	6	7	7	8	7	7	9	6	8	8
22	6	6	5	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	6	6	6	9	1D	9	5
23	12	8	4	3	3	3	4	4	3	3	4	4	4	5	5	6	7	7	7	7	7	6	6	6	5
24	4	4	3	3	3	3	3	3	4	3	4	4	4	5	5	6	6	7	7	7	7	6	5	5	5
25	4	4	4	3	3	4	4	5	5	4	4	5	****	5	6	7	8	8	6	5	5	5	6	6	5
26	7	5	5	5	5	5	5	6	6	5	6	6	5	6	6	9	6	6	6	5	6	5	5	5	6
27	5	5	5	5	5	5	5	6	7	6	5	6	7	7	6	5	5	5	4	4	3	3	3	3	5
28	3	3	3	2	2	2	3	3	3	4	4	4	4	3	4	3	4	4	4	5	4	5	3	4	3
29	3	3	3	3	3	2	2	2	3	3	3	3	3	4	4	4	4	4	4	5	4	4	3	3	3
3D	3	3	2	3	3	3	3	3	3	3	3	4	4	5	5	5	6	5	5	4	4	4	4	4	4
MEAN	4	4	3	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	3.3

PERCENTAGE OF DATA VALID - 99.D PERCENTAGE DF DATA INVALID - 1.0 PERCENTAGE DF DATA UNAVAILABLE - 0.D

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	3	3	3	3	4	4	2	2	3	3	6	20	****	****	1	2	3	3	3	3	3	3	4
2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	4	3	3	3	2
3	3	3	3	3	3	3	3	4	3	3	3	4	4	3	4	3	3	3	3	3	2	2	2	2	3
4	3	2	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	4	4	5	4	3	3
5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	6	8	7	11	3
6	6	3	3	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	4	2	2	2	3	2
7	3	2	3	2	2	2	3	3	2	3	3	3	3	4	3	3	2	2	2	2	2	2	2	2	3
8	2	2	2	2	2	3	4	3	3	3	2	2	3	2	****	3	3	3	3	3	3	3	3	3	3
9	3	3	3	3	3	3	4	5	4	3	3	2	2	3	3	3	3	3	2	2	2	2	2	2	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	3	1	3	3	3	3
11	3	3	3	3	3	4	4	4	4	4	4	****	****	****	2	3	3	2	2	3	2	3	2	2	3
12	3	3	3	3	3	3	4	3	4	5	3	4	7	3	3	3	3	3	3	4	3	3	7	5	4
13	2	2	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	4	4	4	5	4	3	3
14	3	3	3	3	3	3	3	4	3	3	3	2	2	2	2	3	2	2	2	2	2	3	3	3	3
15	3	3	3	3	3	4	8	9	6	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	4
16	3	2	2	2	2	2	3	3	2	3	3	3	****	2	2	3	2	2	2	3	3	6	7	5	3
17	4	3	2	2	2	3	3	4	3	2	3	3	3	2	2	2	2	2	2	4	11	12	14	9	4
18	7	4	4	2	2	3	7	7	4	3	3	2	2	2	2	2	2	2	2	6	4	6	11	8	4
19	8	7	3	3	3	3	4	3	3	2	2	2	3	2	2	3	3	3	3	5	6	3	3	3	3
20	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	2	2	2	2	2	4	2	2	2	3
21	2	2	3	3	3	3	3	3	3	2	3	3	3	4	3	3	2	2	2	3	3	3	3	3	3
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	9	7	7	3
23	6	3	2	2	2	3	2	2	2	2	3	2	****	****	1	2	****	1	2	3	2	4	3	3	2
24	3	3	3	3	2	3	3	3	3	3	2	****	****	****	2	2	2	4	3	3	2	2	2	2	3
25	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	2	2	4	2	4	4	2	3	3	2
27	3	2	2	2	2	2	2	2	2	3	2	2	3	2	2	2	2	2	2	3	3	3	3	2	2
28	3	2	2	2	2	3	3	4	3	3	3	3	2	4	4	3	3	2	3	3	3	4	3	3	3
29	2	2	3	3	3	5	23	11	****	5	4	3	****	3	3	3	3	3	2	2	1	1	1	1	4
30	1	5	3	1	1	1	2	3	3	2	2	2	3	2	1	1	1	1	1	1	2	3	5	1	2
31	1	1	1	1	1	2	3	3	2	2	2	****	1	1	1	1	1	1	1	1	1	3	8	6	2
MEAN	3	3	3	2	2	3	3	4	3	3	3	3	3	3	2	2	2	2	2	3	3	4	4	4	2.9

PERCENTAGE OF DATA VALID - 97.8 PERCENTAGE OF DATA INVALID - 2.2 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S1001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	3	2	1	2	2	3	3	1	1	1	1	2	2	2	2	2	2	1	2	1	1	1	1	2
2	1	1	1	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1	1	2	1	1	1	1	1
3	1	1	1	1	1	2	2	1	2	1	2	7	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	2	6	9	5	3	2	2	1	1	1	1	2	1	1	1	1	1	2	5	2
5	4	1	1	1	1	1	2	3	3	2	2	1	2	2	2	2	2	2	2	2	2	3	4	4	2
6	3	2	2	2	2	2	3	3	3	****	2	1	2	2	1	1	1	2	2	2	2	2	3	2	2
7	2	2	2	2	2	2	4	4	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
8	1	1	1	1	1	1	2	3	3	2	3	3	2	2	2	2	2	2	1	2	2	2	1	1	2
9	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
10	2	2	2	2	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	2	3	2	2	****	****	2	2	2	2	3	2	2	2	2	2	2	2	2
12	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2
13	2	2	2	2	2	2	3	3	2	1	1	1	1	1	2	2	2	2	1	2	2	7	8	4	2
14	3	3	2	2	2	3	10	22	4	3	2	1	1	1	2	2	2	1	1	1	1	1	1	1	3
15	1	1	1	1	2	2	2	3	2	1	1	1	1	2	1	2	1	2	2	3	2	1	1	1	2
16	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	2	4	5	7	8	2
17	7	6	6	5	4	4	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	1	1	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	2	2	2	2	2	2	2	2	2	****	4	2	2	2	1	1	1	1	1	1	7	7	12	12	3
20	5	3	2	2	2	3	8	8	3	2	2	2	2	2	2	2	2	2	2	2	5	4	10	6	3
21	5	2	1	1	2	3	6	4	3	2	2	2	2	2	2	2	2	2	1	2	1	1	1	2	2
22	1	1	1	1	2	3	4	4	3	****	****	3	2	2	3	****	-	-	-	-	-	-	-	-	******
23												- OATA UNAVAILABLE -													
24												- OATA UNAVAILABLE -													
25												- OATA UNAVAILABLE -													
26												- OATA UNAVAILABLE -													
27	-	-	-	-	-	-	-	-	-	-	2	1	2	1	1	2	1	1	1	1	1	1	2	0	******
28	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1
29	1	0	0	0	2	6	7	3	2	2	1	1	1	1	1	1	1	1	1	2	3	3	8	2	2
30	1	1	1	1	0	0	1	1	1	1	2	2	1	1	1	1	0	1	1	1	1	1	0	0	1
MEAN	2	2	1	1	2	2	3	4	2	2	2	2	1	2	2	2	1	1	1	2	2	2	3	3	1.9

PERCENTAGE OF DATA VALID - 83.2 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 15.8

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - JUL 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	2	1	0
2	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0
3	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	2	1
4	2	2	3	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2
5	1	1	1	1	0	1	1	2	1	****	****	1	2	2	1	2	1	1	1	3	7	4	4	5	2
6	3	2	2	2	2	3	2	2	2	2	2	1	1	1	2	2	2	2	2	2	2	3	3	3	2
7	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	5	4	2	2	2	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1
9	1	1	1	1	1	3	4	5	4	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	2
10	2	3	2	1	1	2	8	4	2	2	2	2	2	2	2	2	2	2	1	1	2	1	1	1	2
11	1	1	1	1	2	2	4	3	2	****	****	2	2	1	2	2	2	1	1	1	1	3	8	6	2
12	6	4	4	2	2	2	3	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	6	6	6	4	2
14	4	3	2	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1
16	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	2	3	****	****	****	0	0	0	0	0	0	0	0	3	3	2	2	1
19	1	2	2	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	4	3	1	1	1
20	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
21	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	1	1	6	2	1	0	1	1	0	1	1	1	1	1	0	0	1
23	0	0	0	0	0	0	1	1	1	****	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	2	6	7	2	1	2	2	2	1	2	2	2	1	2	2	1	1	1	1	2
25	1	1	1	1	1	1	3	3	2	2	2	2	2	2	2	1	2	1	1	1	2	2	1	1	2
26	1	1	1	1	1	2	2	3	3	1	1	2	2	3	3	2	2	2	3	2	2	2	1	1	2
27	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2	1	1	1	2	4	6	6	2
28	3	2	2	2	2	3	3	3	3	2	2	1	2	2	1	2	2	1	1	1	1	1	1	1	2
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	6	5	5	4	2
30	4	3	2	2	1	2	4	4	5	4	2	1	1	1	2	2	2	2	1	1	2	2	2	1	2
31	1	1	1	1	1	2	2	3	2	****	****	2	2	2	1	2	2	2	1	1	1	2	2	1	2
MEAN	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1.4

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	2	2	2	2	****	1	1	1	1	1	1	1	1	1	2	3	3	2	1	1
2	1	1	1	1	1	2	3	4	3	4	5	3	4	7	3	2	2	1	1	1	1	1	1	1	2
3	1	1	1	1	1	2	4	3	2	****	1	1	1	1	2	2	2	2	2	2	2	1	2	1	2
4	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	2	3	2	3	10	11	12	6	3
5	3	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	1	2	2	1
6	1	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	1	2	3	2	2	2	1
7	2	2	2	2	2	3	6	15	5	4	3	4	4	2	2	3	3	3	4	3	2	2	2	1	3
8	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	1	2
9	1	2	4	3	2	3	3	3	2	2	1	****	****	****	1	1	1	1	1	4	3	2	2	2	2
10	2	1	1	1	2	3	6	4	2	2	1	2	2	2	2	2	2	2	2	2	4	1	1	1	2
11	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	0	1	3	3	1	1	1
12	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	1
13	2	2	2	2	2	2	2	3	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1
15	1	1	1	1	1	1	2	2	2	****	****	2	1	2	2	2	1	1	1	2	2	3	3	2	2
16	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	3	3	8	8	9	3
17	7	5	4	4	5	3	5	18	20	2	2	1	1	1	1	1	1	1	2	3	2	2	1	1	4
18	2	3	2	2	1	1	2	2	2	3	3	3	3	3	2	2	2	2	2	2	3	3	3	3	2
19	4	2	2	2	2	2	2	2	2	2	2	2	2	1	2	3	4	4	2	7	9	8	8	4	3
20	4	3	2	2	2	2	3	3	3	3	2	2	2	1	1	1	1	1	1	2	4	7	7	5	3
21	3	2	2	2	2	2	4	5	2	1	1	1	1	1	1	2	2	2	1	2	2	3	2	2	2
22	2	2	2	2	2	2	3	3	2	****	****	1	2	2	2	2	2	2	2	6	5	4	2	2	2
23	2	2	2	2	2	2	3	4	4	3	3	2	2	2	3	3	3	6	6	6	5	3	3	3	3
24	3	2	2	2	2	3	6	5	3	3	2	2	2	2	2	2	2	2	4	4	2	2	2	2	3
25	2	2	1	1	1	1	2	2	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
26	1	2	2	2	2	2	2	2	2	2	2	1	1	1	1	3	1	2	3	4	3	3	2	2	2
27	2	2	2	2	2	2	5	5	4	3	2	2	4	1	2	2	1	2	3	3	2	2	2	2	2
28	2	2	2	2	2	3	9	8	4	****	****	****	****	****	10	10	9	6	5	5	5	5	4	3	5
29	2	2	2	2	2	3	5	6	4	4	3	4	3	2	1	1	2	2	2	2	2	1	2	1	3
30	1	1	1	1	1	2	3	4	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1
31	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	6	4	3	4	3	2
MEAN	2	2	2	2	2	2	3	4	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2.2

PERCENTAGE OF DATA VALID - 98.1 PERCENTAGE OF DATA INVALID - 1.9 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	1	1	1	1	2	4	3	1	0	0	0	0	0	0	0	0	0	0	2	3	3	4	2	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	0	1	6	20	12	8	4	2
5	2	1	1	1	1	6	6	5	3	3	1	1	1	0	1	1	2	1	6	9	8	4	3	2	3
6	4	1	0	0	1	1	2	3	2	3	2	1	1	1	1	1	3	3	4	2	0	0	0	0	2
7	0	0	0	0	0	1	1	1	****	****	0	1	0	1	1	1	1	2	1	2	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	3	4	1
9	6	5	3	2	1	1	2	2	1	1	1	1	1	****	1	1	1	1	6	6	6	5	3	2	3
10	2	2	2	1	2	5	6	6	5	3	4	4	3	3	4	2	2	2	2	2	2	2	2	2	3
11	1	1	1	1	1	1	2	4	2	2	2	3	1	2	2	-	2	3	4	5	4	4	6	4	3
12	3	3	2	2	2	3	6	6	5	6	8	5	4	2	2	2	3	4	6	8	9	6	3	2	4
13	2	2	1	1	1	3	7	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	****	****	****	****	3	3	7	7	6	4	3	2	3	2	3	2
21	2	2	2	2	2	3	6	7	6	3	2	2	3	3	2	3	4	3	5	18	****	19	12	6	5
22	4	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	1	1	2	2	3	2	3	2	2
23	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	7	6	8	10	7	3
24	5	3	2	2	2	3	8	9	10	4	4	2	2	2	3	3	3	6	14	14	17	15	20	22	7
25	13	6	2	2	2	4	10	11	11	5	3	2	2	3	3	2	2	2	2	1	1	1	1	1	4
26	1	1	1	1	1	1	6	4	2	****	3	30	19	****	****	****	7	5	7	9	8	10	9	6	7
27	7	5	4	3	3	12	38	45	31	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	******
28												- DATA INVALID -													
29												- DATA INVALID -													
30												- DATA INVALID -													
MEAN	2	1	1	1	1	2	4	4	3	1	1	2	2	1	1	1	2	2	3	4	4	4	3	3	2.2

PERCENTAGE OF DATA VALID - 85.6 PERCENTAGE OF DATA INVALID - 14.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GON RIDEAU/WURTEMBURG ST.OTTAWA MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA INVALID -													
2												- DATA INVALID -													
3												- DATA INVALID -													
4	****	****	****	****	****	****	****	****	****	****	****	****	****	****	9	8	8	7	7	4	3	1	0	1	******
5	1	1	0	1	1	2	4	6	5	5	9	3	3	2	8	5	4	1	1	1	0	1	1	1	3
6	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3	2	2	2	1
7	2	1	0	0	0	0	0	0	0	0	1	1	2	2	2	1	0	0	0	0	0	0	0	0	1
8	0	-	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	****	****	0	***	******
9	****	****	****	****	****	****	****	****	****	****	-	****	****	****	****	0	0	0	0	0	0	0	2	2	******
10	****	0	-	-	-	****	0	10	10	3	3	1	0	1	1	2	2	1	4	3	3	3	2	1	3
11	0	****	****	****	****	****	0	2	1	****	****	****	2	1	****	2	1	2	11	12	10	7	3	2	******
12	1	1	0	0	0	2	3	4	4	3	4	3	4	3	4	4	5	5	4	5	4	5	8	7	3
13	5	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
15	0	1	0	0	1	1	1	-	0	0	0	1	1	1	1	2	2	1	1	0	0	1	1	0	1
16	1	0	0	0	0	2	5	5	3	1	0	-	3	2	2	1	4	8	12	20	20	25	22	14	7
17	8	3	2	1	1	1	4	-	-	7	6	7	9	9	13	14	13	15	18	13	7	6	2	0	7
18	0	0	0	0	0	1	6	7	4	2	1	0	0	1	1	1	2	4	6	10	15	23	18	15	5
19	8	2	2	3	1	2	4	7	5	2	3	4	3	3	4	-	-	2	2	3	2	3	3	3	3
20	7	1	0	1	1	1	1	1	1	2	2	2	2	2	1	2	5	2	1	1	3	2	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	2	6	7	5	3	2	2	2	2	2	3	3	4	7	12	11	5	2	2	4
23	1	1	1	1	1	3	7	11	2	23	****	****	****	3	4	4	3	2	3	3	3	3	3	2	4
24	2	1	1	1	2	3	7	7	5	4	4	3	2	3	3	4	3	3	2	1	1	-	1	1	3
25	0	0	0	0	0	1	2	3	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	0	1
26	0	0	0	0	0	1	2	2	1	1	1	1	1	-	2	2	2	2	2	2	2	2	2	2	1
27	1	1	1	-	1	1	2	1	1	0	1	0	0	1	1	1	4	8	6	6	5	3	3	2	2
28	2	2	1	0	0	0	0	0	0	1	1	1	1	1	1	2	2	2	2	2	1	1	2	2	1
29	1	1	0	0	0	1	1	2	3	2	1	2	2	2	1	3	3	4	2	3	3	2	2	2	2
30	1	1	1	1	1	1	2	3	4	2	1	1	1	1	1	1	4	8	6	7	10	6	7	6	3
31	3	2	4	3	3	3	3	8	9	6	6	4	4	3	3	5	6	6	5	6	6	6	7	5	5
MEAN	2	1	1	1	1	1	2	4	3	3	2	2	2	2	3	3	3	3	4	4	4	4	3	3	2.6

PERCENTAGE OF DATA VALID - 80.1 PERCENTAGE OF DATA INVALID - 18.0 PERCENTAGE OF DATA UNAVAILABLE - 1.9

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	2	2	3	4	10	10	8	7	5	4	4	4	6	15	25	23	10	9	11	9	4	8
2	3	2	2	1	1	1	2	3	3	5	3	2	4	4	6	6	10	16	8	7	6	7	8	7	5
3	4	4	4	4	4	3	4	5	6	3	2	1	1	1	2	3	4	8	26	24	22	7	3	-	6
4	3	3	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	4	5	4	3	3	3	5	2
5	5	8	4	3	3	4	7	20	26	8	3	2	2	3	3	6	9	10	9	12	14	20	27	21	10
6	14	7	4	3	2	3	4	5	8	7	6	5	5	8	5	5	13	13	13	12	9	6	5	5	7
7	3	2	2	2	2	2	2	5	7	4	5	2	4	4	3	2	5	4	4	3	2	1	1	1	3
8	1	1	1	1	2	-	****	6	7	5	1	26	3	3	5	6	7	5	5	3	2	2	2	2	4
9	2	2	1	1	1	1	3	5	6	6	11	6	4	7	6	8	5	4	4	-	4	4	3	3	4
10	3	3	3	2	2	2	3	2	2	2	2	2	2	2	2	****	2	2	3	3	6	8	15	14	4
11	17	27	-	24	4	2	2	1	1	1	1	1	-	4	3	3	4	6	9	7	8	6	6	4	6
12	3	1	0	-	0	0	1	2	2	2	2	2	2	2	2	3	9	13	13	7	8	5	5	5	4
13	6	7	4	3	3	2	3	5	8	7	6	6	5	7	6	6	6	6	8	7	8	6	5	5	6
14	3	2	2	2	1	1	2	5	5	3	2	2	1	2	1	2	1	3	3	3	3	2	1	1	2
15	1	0	1	1	1	3	9	22	21	11	6	5	4	7	9	11	12	11	8	7	5	6	2	0	7
16	0	0	0	0	0	0	1	4	4	3	1	1	1	2	2	3	7	10	6	4	3	7	6	7	3
17	4	3	3	3	2	2	2	3	3	3	4	3	4	5	4	4	4	6	5	2	2	2	2	5	3
18	5	3	2	2	2	2	1	1	1	1	0	0	1	1	1	2	2	3	2	2	1	1	2	1	2
19	1	2	3	3	3	2	2	3	3	2	****	****	3	5	4	4	6	4	4	5	6	5	4	4	4
20	3	3	2	2	2	2	3	5	8	5	6	8	10	4	5	9	7	8	9	18	17	8	2	3	6
21	2	1	1	2	1	1	3	5	5	2	1	1	1	1	3	7	7	-	4	8	4	2	3	4	3
22	3	2	2	2	2	2	3	4	7	4	-	12	10	20	22	11	10	10	11	11	7	5	4	7	7
23	4	4	4	3	2	3	-	6	6	6	5	4	5	5	6	5	6	7	5	4	4	3	3	3	4
24	2	-	2	1	1	1	2	2	3	5	6	12	11	6	5	5	5	7	4	3	5	****	3	3	4
25	12	18	12	12	12	8	5	5	4	3	3	2	5	5	3	3	2	2	3	3	2	2	1	1	5
26	1	1	0	0	1	1	1	3	4	3	4	4	5	6	5	16	22	19	3	3	3	2	1	1	5
27	1	1	1	1	1	1	2	4	6	5	4	3	3	4	5	5	8	11	7	5	4	5	5	6	4
28	5	4	2	2	1	1	2	6	7	5	10	****	3	1	1	2	2	1	1	1	1	2	2	2	3
29	1	1	1	0	1	1	1	3	3	1	1	1	1	1	2	****	-	****	1	1	1	1	1	1	1
30	0	0	0	0	0	0	1	2	3	1	2	5	4	6	4	7	11	7	3	2	2	2	3	3	3
MEAN	4	4	2	3	2	2	3	5	6	4	4	4	4	4	4	5	7	8	7	6	6	5	5	4	4.5

PERCENTAGE OF DATA VALID - 97.4 PERCENTAGE OF DATA INVALID - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 1.5

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST.OTTAWA MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5	4	3	9	5	3	2	4	5	5	5	5	4	5	6	****	7	6	4	3	2	2	2	2	4
2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	2	1	1	1	1
3	1	2	1	1	2	1	2	7	7	5	4	3	2	3	4	-	****	7	4	3	3	3	3	3	3
4	2	2	1	1	1	1	3	6	7	3	4	4	2	3	2	2	3	2	2	2	3	3	2	2	3
5	3	2	1	0	0	1	2	3	3	3	2	4	4	5	7	12	16	15	11	5	3	****	3	2	5
6	1	0	0	0	0	1	2	6	6	5	3	3	****	****	****	****	****	****	****	****	****	****	****	****	******
7													- DATA INVALID -												
8													- DATA INVALID -												
9													- DATA INVALID -												
10	****	****	****	****	****	****	****	****	****	****	****	****	2	2	1	2	2	1	0	0	0	1	1	1	******
11	1	0	0	0	0	1	1	3	5	5	5	4	3	4	4	4	7	7	2	2	2	4	3	5	3
12	2	5	5	0	0	0	1	5	8	3	2	1	1	1	0	1	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	2	3	2	1	1	1	1	0	1	1
14	0	0	0	0	0	0	0	4	4	2	2	1	0	0	0	1	1	3	2	1	1	1	1	1	1
15	1	1	2	6	2	1	4	3	3	4	4	4	2	5	4	2	2	2	2	2	1	1	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	1	1	6	9	2	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	1	1	1	****	****	****	****	****	****	****	2	4	4	6	3	2	3	2
19	1	0	0	0	0	0	0	1	2	2	2	2	2	2	2	3	2	4	2	1	1	1	1	1	1
20	1	1	0	0	0	1	1	2	4	3	****	****	****	2	3	2	5	3	3	2	2	2	3	3	2
21	3	2	2	1	0	1	2	3	7	5	7	5	6	5	1	1	1	3	6	5	5	3	4	2	3
22	1	1	2	2	1	1	1	1	2	3	3	3	3	4	3	2	2	1	3	2	3	2	3	2	2
23	1	1	2	0	0	0	1	1	1	2	3	4	5	6	4	4	5	5	4	2	4	6	4	4	3
24	4	4	3	4	5	4	2	2	6	9	6	4	3	3	2	2	1	1	1	1	0	0	0	0	3
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0
27	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	2	1	1	1
29	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	2	4	2	3	1	5	4	3	6	8	11	14	15	6	3	5	9	4
MEAN	1	1	1	1	1	1	1	2	3	2	2	2	2	3	2	2	3	3	3	2	2	2	1	2	1.8

PERCENTAGE OF DATA VALID - 85.3 PERCENTAGE OF DATA INVALID - 14.5 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	NO OF DAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2.9	B	32
FEB	28	2.3	6	41
MAR	25	3.4	11	32
APR	30	3.3	B	32
MAY	31	2.9	4	23
JUN	24	1.9	3	22
JUL	31	1.4	2	B
AUG	31	2.2	5	20
SEP	26	2.2	7	45
OCT	24	2.6	7	25
NOV	30	4.5	10	27
DEC	26	1.8	S	16
YEAR	337	2.6	11	4S

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 51001 MCDONALD GDN RIDEAU/WURTEMBURG ST,OTTAWA

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	626	7B	28	3	1	0	0	736
FEB	594	48	19	2	0	1	0	664
MAR	514	60	17	4	1	0	0	596
APR	626	77	7	2	1	0	0	713
MAY	692	2B	7	1	0	0	0	72B
JUN	575	21	2	1	0	0	0	599
JUL	720	14	0	0	0	0	0	734
AUG	697	28	5	0	0	0	0	730
SEP	545	51	15	2	2	1	0	616
OCT	51B	56	18	4	0	0	0	596
NOV	520	126	40	15	0	0	0	701
DEC	596	32	7	0	0	0	0	635
YEAR	7223	619	16S	34	S	2	0	804B

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	MIN	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 10	30	50	70	90	95	98	99	MAX	ARITH MEAN
91.9	0	0.0	0.6	1.4	2.3	5.1	7.0	11.2	16.1	45	2.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	4	4	7	8	2	1	1	1	1	1	1	1	2	2	2	2	4	4	4	3	3	2	3	2	3
2	1	1	1	0	0	0	0	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1
4	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	1
5	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1
6	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
7	0	0	0	0	0	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	2	2	2	1	1
8	0	0	0	0	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	0	1
9	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1
10	0	0	0	0	0	0	1	3	3	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1
11	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	0	13	13	10	9	9	11	17	16	****	****	4	4	5	5	6	9	8	8	9	9	9	7	7	9
13	5	5	4	3	2	2	1	2	2	3	3	3	5	3	3	4	4	3	2	1	1	1	1	1	3
14	1	1	0	0	1	0	0	0	1	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1
16	0	0	0	0	0	0	0	1	1	1	2	2	1	2	1	2	2	1	1	1	0	0	0	3	1
17	3	2	3	3	2	1	1	2	1	1	1	1	1	2	2	3	1	1	2	1	1	1	1	1	2
18	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	0	1
19	1	1	0	0	0	0	1	1	2	1	2	2	1	1	1	2	2	2	5	6	7	6	3	5	2
20	2	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	4	4	4	4	4	3	3	2
21	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	1	1	0	1
22	0	1	0	0	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	0	0	1
23	1	1	0	0	0	1	1	2	2	1	1	2	1	1	1	2	5	6	1	1	1	1	1	0	1
24	0	1	4	4	2	1	2	1	4	4	4	3	3	3	2	3	2	2	1	1	1	0	1	1	2
25	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	0	1	0	1	1	0	1
26	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	4	2	1	1	1	2	1	2	1
27	1	1	1	1	1	1	1	1	2	2	2	2	1	2	2	2	2	1	1	2	2	2	1	2	2
28	1	2	1	0	0	1	0	1	1	1	1	1	2	1	2	2	2	1	1	1	1	1	1	1	1
29	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
30	0	1	0	1	1	0	0	1	1	1	1	****	1	1	1	1	0	1	1	1	0	0	0	0	1
31	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	1	1	1	1	0	1	1	0	1
MEAN	1	1	1	1	1	1	1	2	2	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1.3

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - FE8 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1
2	0	1	0	0	0	0	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
3	1	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
4	1	0	0	0	1	3	1	0	1	2	2	1	1	1	1	1	0	0	1	1	0	1	0	0	1
5	0	1	0	0	0	0	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	0	1
6	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1	0	0	1
7	0	0	0	0	1	2	1	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1	2	2	1
8	1	3	2	2	1	0	1	2	1	2	2	1	1	1	1	2	2	1	1	1	1	****	****	1	1
9	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1
11	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1
12	1	0	0	0	1	1	1	1	1	2	1	2	1	1	2	2	2	1	1	1	2	1	2	2	1
13	1	1	0	0	0	1	1	1	1	1	1	1	1	1	****	2	2	1	2	1	1	1	1	1	1
14	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	2
15	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	1	1	2	2	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	3	1	2	5	2	2
19	4	2	2	1	2	3	4	5	5	5	6	4	4	5	4	3	3	3	2	3	3	1	1	1	3
20	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1	2	7	15	2
21	8	6	1	1	1	1	3	5	6	3	2	2	3	3	2	3	3	3	1	1	1	1	1	1	3
22	1	1	1	1	1	1	1	1	2	1	1	1	2	2	2	2	2	1	1	1	1	6	15	12	3
23	8	5	4	1	0	0	0	1	1	1	1	2	2	2	1	0	2	5	1	0	2	2	0	0	2
24	0	0	0	1	1	1	3	4	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	1	1	1	1	2	1	1	1	2	1	1	1	0	0	0	0	1	1
27	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1
MEAN	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1.2

PERCENTAGE OF DATA VALID - 99.6 PERCENTAGE OF DATA INVALID - 0.4 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST.. CORNWALL MONTH - MAR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	3	6	2	1	1	0	1	1	1	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2
2	1	1	1	1	1	1	1	2	3	2	****	****	****	3	3	1	2	2	2	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	2	0	0
4	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
5	0	0	0	0	0	0	1	2	3	3	1	1	****	****	****	1	1	1	1	1	1	1	1	1	1
6	0	0	0	0	0	0	0	1	1	0	1	3	3	1	1	1	1	2	2	3	4	2	1	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	9	10	2	0	1
8	0	0	0	1	2	4	4	2	1	0	0	1	0	****	1	0	0	1	2	8	9	5	4	3	2
9	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	1	7	8	2	1	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	4	4	5	5	6	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	0	1	2	1	1	1	1	2	2	1	1	1	1	1	0	1
16	0	0	0	0	0	0	0	0	1	1	1	1	1	****	1	1	1	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	2	2	0	1	2	0
18	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	4	9	13	2	1
19	1	0	0	0	0	2	4	2	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	3	1
20	8	9	6	3	7	3	10	6	2	1	1	0	0	0	0	1	1	0	3	13	21	29	33	21	7
21	- OATA INVALIO -																								
22	****	****	****	****	****	****	****	****	***.	****	****	****	****	****	***.	****	****	****	****	****	****	19	8	3	******
23	2	1	2	2	2	0	0	3	5	3	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1
24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	****	****	0	0	0	5	0
27	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	2	1	0
29	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0
30	0	0	0	0	0	0	0	0	0	1	1	1	1	1	2	2	2	2	1	2	2	2	3	6	1
31	2	8	7	7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	2
MEAN	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	1	1	2	2	3	3	2	1.0

PERCENTAGE OF OATA VALIO - 92.6 PERCENTAGE OF OATA INVALIO - 7.4 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST.. CORNWALL MONTH - APR 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	1	1	1	1	2	2	1	2	2	1	1	0	1	0	0	0	1
3	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	1	1	0	0	1	1	1	4	5	1
4	0	0	0	0	0	1	5	4	1	1	1	1	0	1	0	0	***.	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0
11	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	12	13	12	2
20	8	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	2	0	0	1
21	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	2	3	4	1	1
22	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	0	0	1	0	1	1	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	2	1	1	0	0
24	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1
25	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	****	1	1	1	0	0	0	0	0	1
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0.3

PERCENTAGE OF OATA VALIO - 99.4 PERCENTAGE OF OATA INVALIO - 0.6 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - MAY 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	1	0	****	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
7	1	0	0	0	0	1	1	1	0	0	0	0	1	1	0	1	1	0	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0
12	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
13	1	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	****	****	1	1	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1	2	2	0
17	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0
18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	4	4	1	1	1	1
19	1	1	1	0	1	1	1	2	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1
20	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0
22	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	1	2	4	1	0	1
23	0	0	0	1	4	3	2	2	1	1	1	1	1	1	2	3	2	1	2	2	1	2	2	2	2
24	2	2	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1
25	0	0	0	0	0	0	0	0	0	****	****	1	0	0	0	1	0	0	1	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	****	****	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
31	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	4	1
MEAN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0.4

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	3	4	3	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	****	****	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1
6	1	3	2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	1
7	0	3	7	6	4	5	4	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	0	0	0	1	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	2	4	2	0	1
14	0	0	0	0	0	0	1	1	****	****	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	4	3	1	1
19	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	7	2	0	****	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	1
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2	3	3	2	1
23	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0
25	0	0	0	0	0	0	****	-	****	0	0	0	1	0	0	1	1	0	0	0	1	1	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
30	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0.4

PERCENTAGE OF DATA VALID - 98.9 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S6051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - JUL 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
3	0	0	0	0	0	0	0	0	****	***	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	****	****	****	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	S	7	2	1
14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
15	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0
18	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	4	1	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.1

PERCENTAGE OF DATA VALIO - 98.9 PERCENTAGE OF DATA INVALIO - 1.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S60S1 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - AUG 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
7	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	****	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	2	1	1	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	2	0
20	1	2	3	2	1	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	3	4	4	2	1
21	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
23	4	S	4	3	S	4	S	1	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF OATA VALIO - 99.1 PERCENTAGE OF OATA INVALIO - 0.9 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INDICATES LE55 THAN 2/3 VALID OATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0
3	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	1	4	4	0	0	1
5	0	0	0	0	0	2	1	2	1	1	1	0	0	0	0	0	0	0	1	3	0	0	0	0	1
6	0	0	0	0	0	1	4	6	4	2	2	1	1	1	1	1	1	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	1
8	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	0	1	1	1	0	2	0	0	1	1
9	1	0	0	0	0	1	1	1	1	1	1	1	1	****	1	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	1	1	14	****	1	1	1	1	1	-	1	1	0	0	0	1	0	1	1
12	1	0	0	0	0	1	2	3	2	1	1	0	0	0	0	0	0	0	0	3	2	7	5	7	1
13	9	6	6	3	4	6	8	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
14	0	0	0	0	0	0	0	2	1	1	1	****	****	1	1	1	1	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	****	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	****	0	****	0	0	0	0	0
20	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	2	0	0
22	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0
23	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	1	0	1
24	0	0	1	6	8	8	22	14	3	2	0	0	0	0	0	0	0	0	0	3	3	1	0	0	3
25	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	2	1	0	0
27	0	0	9	6	0	0	3	1	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	1	1	0	1	2	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0.5

PERCENTAGE OF DATA VALIO - 98.6 PERCENTAGE OF DATA INVALIO - 1.3 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INOICATES INVALIO DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES OATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	19	****	7	0	2	5	3	4	2	2
2	1	1	1	1	1	0	2	2	1	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1
3	0	0	0	1	0	0	1	3	8	****	17	1	0	0	3	1	1	0	1	1	1	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
5	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0
9	0	0	0	0	0	0	0	1	0	1	-	****	0	0	0	0	1	0	0	0	0	0	0	0	0
10	0	0	-	0	0	****	1	2	11	****	****	****	****	0	0	0	0	1	0	1	4	5	4	0	2
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	1	2	2	2	7	7	10	1
12	12	7	5	4	2	2	6	D	0	1	1	2	2	3	2	1	1	0	0	0	1	0	0	0	2
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	-	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
16	0	0	0	0	0	1	3	1	0	0	0	-	2	0	0	0	0	6	13	19	27	26	28	23	6
17	24	20	19	17	16	20	24	-	-	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	7
18	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	19	29	37	38	11	11	6
19	1	7	24	21	20	18	22	18	9	2	1	0	1	0	1	-	-	5	9	10	0	0	****	0	8
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	12	9	9	7	0	2
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	1	0	0	0	0	-	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	-	0	-	1	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	2	0
29	2	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0
30	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	6	3	8	16	22	14	6	3	3
31	3	2	17	27	29	26	20	13	11	3	1	1	1	1	1	2	2	1	0	1	1	2	2	2	7
MEAN	1	1	2	2	2	2	3	1	2	0	1	0	0	D	0	1	1	1	2	3	4	4	2	2	1.6

PERCENTAGE DF DATA VALIO - 96.9 PERCENTAGE OF OATA INVALIO - 1.5 PERCENTAGE OF OATA UNAVAILABLE - 1.6

NDTES 1. "*****" INOICATES INVALID OATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	2	8	9	9	5	5	7	10	5	4	2	2	2	1	1	4	9	24	41	50	11	5	0	9
2	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	1	0	1	0	0	1	0	0
3	0	1	1	0	0	0	0	1	1	1	1	0	1	0	0	0	1	4	10	4	0	0	0	-	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0
5	1	1	1	1	1	1	1	1	1	0	39	0	0	0	0	0	3	11	22	8	33	37	48	34	10
6	34	24	22	20	17	13	7	13	21	2	1	1	1	1	1	2	4	3	2	2	4	3	2	2	8
7	2	2	4	4	5	4	4	4	4	3	2	2	1	2	2	3	3	2	1	1	1	1	0	0	2
8	0	0	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
9	0	0	0	0	0	0	0	1	1	0	1	0	0	1	2	3	4	2	1	-	1	1	0	1	1
10	0	1	1	1	1	0	0	0	0	1	2	1	1	1	1	****	1	1	1	1	1	1	1	1	1
11	2	2	-	1	2	3	2	3	1	1	0	0	-	0	0	0	1	0	0	0	1	0	1	1	1
12	1	1	0	-	0	0	0	1	2	1	1	1	2	1	1	1	1	1	4	3	5	5	3	3	2
13	5	6	2	1	0	0	0	1	3	2	2	2	1	2	2	4	7	7	6	6	4	2	1	0	3
14	0	0	0	0	0	0	1	1	2	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0
18	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	****	****	1	1	2	2	3	2	1	1	2	1	1	2	1
20	2	3	3	3	1	4	2	3	4	5	5	5	5	10	9	1	2	1	0	0	1	1	0	0	3
21	0	0	0	0	0	0	0	2	2	1	0	0	0	1	1	1	3	-	2	1	1	1	1	1	1
22	1	1	1	1	1	1	2	4	5	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
23	0	0	0	13	14	10	-	5	5	5	4	5	6	5	7	10	11	8	7	7	8	9	8	8	7
24	8	-	6	6	5	4	4	4	4	7	14	4	1	1	1	1	1	1	4	0	0	****	0	0	3
25	0	0	0	0	0	0	0	2	1	2	2	1	1	1	1	0	0	0	1	0	0	0	1	0	1
26	0	1	1	1	0	0	1	1	2	2	1	2	2	1	1	1	1	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	****	-	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	2	2	2	2	2	1	2	3	1	3	1	1	1	1	1	2	2	3	3	4	3	3	2	1.9

PERCENTAGE OF DATA VALID - 97.6 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 1.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - 5E NO 56051 MEMORIAL PARK YORK/THIRD ST., CORNWALL MONTH - DEC 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	5	****	0	0	1	0	-	****	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	2	1	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	1	2	3	12	14	0	0	0	****	10	0	0	0	2
6	0	0	0	0	0	0	0	0	5	8	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1
7	0	0	0	0	0	0	0	0	1	****	5	0	0	0	0	1	1	1	1	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0
11	1	0	0	0	0	0	1	2	4	1	4	7	11	11	15	15	21	30	25	11	0	0	0	0	7
12	0	0	0	0	0	0	0	1	0	0	0	0	0	3	1	0	1	0	1	0	0	****	****	****	0
13	****	0	0	0	0	0	0	0	0	0	0	0	0	1	1	****	2	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	2	1	****	0	0	***	1	****	1	1	1	0	0	1	0	0	0
15	0	0	0	0	0	0	5	10	6	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	****	****	0	0	0	0	****	1	1	1	1	1	1	0	1	0	1	3	2	0	1
18	0	0	0	0	0	0	1	1	1	1	1	1	1	2	1	2	2	2	1	1	3	4	3	9	2
19	4	1	1	1	1	1	0	1	2	1	2	2	2	1	2	2	4	5	1	1	3	6	5	4	2
20	3	2	2	2	2	2	3	4	8	6	7	6	8	9	8	8	9	9	8	2	2	9	12	14	6
21	14	13	11	11	5	11	13	14	16	10	8	6	3	3	4	8	14	26	34	35	33	22	31	35	16
22	29	30	32	26	26	23	19	18	13	9	9	7	5	5	6	8	9	8	8	9	10	9	10	12	14
23	13	13	14	11	10	9	9	10	11	8	9	7	7	10	7	5	7	8	7	5	8	6	1	0	8
24	0	0	0	0	0	0	1	2	1	2	7	8	7	6	8	8	8	8	6	9	7	6	4	3	4
25	3	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	1	0	1	0	0	0
27	0	0	0	0	0	0	1	0	0	1	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	-	1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	2	2	3	2.2

PERCENTAGE OF DATA VALID - 97.3 PERCENTAGE OF DATA INVALID - 2.3 PERCENTAGE OF DATA UNAVAILABLE - 0.4

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO 56051 MEMORIAL PARK YORK/THIRO ST., CORNWALL

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	31	1.3	9	17
FEB	28	1.2	3	1S
MAR	29	1.0	7	33
APR	30	0.3	2	13
MAY	31	0.4	2	4
JUN	30	0.4	1	7
JUL	31	0.1	1	7
AUG	31	0.1	1	S
SEP	30	0.S	3	22
OCT	31	1.6	8	38
NOV	30	1.9	10	SO
OEC	31	2.2	16	3S
YEAR	363	0.9	16	SO

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - SE NO S6051 MEMORIAL PARK YORK/THIRO ST., CORNWALL

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO SO	S1 &OVER	TOTAL
JAN	718	18	S	0	0	0	0	741
FE8	659	7	3	0	0	0	0	669
MAR	662	20	3	3	1	0	0	689
APR	710	3	3	0	0	0	0	716
MAY	734	0	0	0	0	0	0	734
JUN	709	3	0	0	0	0	0	712
JUL	73S	1	0	0	0	0	0	736
AUG	737	0	0	0	0	0	0	737
SEP	693	14	2	1	0	0	0	710
OCT	662	19	24	14	2	0	0	721
NOV	649	31	10	S	5	3	0	703
OEC	619	62	27	10	6	0	0	724
YEAR	8287	178	77	33	14	3	0	8S92

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF OATA VALIO	MIN	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT 10	30	SO	70	90	9S	98	99	MAX	ARITH MEAN
98.1	0	0.0	0.0	0.0	0.2	1.4	3.4	8.3	13.2	SO	0.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE MONTH - AUG 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1												- DATA UNAVAILABLE -													
2												- DATA UNAVAILABLE -													
3												- DATA UNAVAILABLE -													
4												- DATA UNAVAILABLE -													
5												- DATA UNAVAILABLE -													
6												- DATA UNAVAILABLE -													
7												- DATA UNAVAILABLE -													
8												- DATA UNAVAILABLE -													
9												- DATA UNAVAILABLE -													
10												- DATA UNAVAILABLE -													
11												- DATA UNAVAILABLE -													
12												- DATA UNAVAILABLE -													
13												- DATA UNAVAILABLE -													
14												- DATA UNAVAILABLE -													
15												- DATA UNAVAILABLE -													
16												- DATA UNAVAILABLE -													
17												- DATA UNAVAILABLE -													
18												- DATA UNAVAILABLE -													
19												- DATA UNAVAILABLE -													
20												- DATA UNAVAILABLE -													
21												- DATA UNAVAILABLE -													
22												- DATA UNAVAILABLE -													
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	******
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1
25	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
26	1	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	2	3	5	4	1
28	3	2	1	2	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	2	2	3	1	1
29	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
30	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
31	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	8	1
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	2	2	0.8

PERCENTAGE OF DATA VALID - 27.0 PERCENTAGE OF DATA INVALID - 0.0 PERCENTAGE OF DATA UNAVAILABLE - 73.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE MONTH - SEP 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	6	4	2	2	1	1	3	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	4	4	1
5	3	3	2	1	1	3	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6	1	1	1	1	1	1	1	1	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	2	1	1	0	0	0
8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	3	2	1	1
9	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	1	0	0	1	4	5	1	1	0	0	0	0	0	0	0	0	0	1	4	5	6	4	5	2
12	2	2	0	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1
13	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	1	1	0	0	0
15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	1	1	0	0	0	0	0	0	1	2	1	0	0	1	0	0	0	****	0	0	0	0	0	1	0
20	0	0	1	3	2	4	6	7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21	1	0	3	3	3	7	8	15	7	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	2
22	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	4	3	1	1	1	1
23	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	4	12	8	6	3	2
24	2	1	1	1	2	1	2	4	0	0	0	0	0	0	0	0	0	0	0	3	5	3	4	4	1
25	4	3	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
26	1	0	0	0	1	4	1	1	0	1	1	1	0	0	0	0	0	0	0	1	5	4	5	4	1
27	2	1	2	1	5	3	5	8	2	0	0	0	0	0	0	0	0	0	0	2	5	4	3	3	2
28	2	1	4	2	3	4	6	9	7	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
29	2	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	4	2	2	1
30	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0
MEAN	1	1	1	1	1	1	2	2	1	0	0	0	0	0	0	0	0	0	0	1	2	1	1	1	0.7

PERCENTAGE OF DATA VALID - 99.9 PERCENTAGE OF DATA INVALID - 0.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST, PORT HOPE MONTH - OCT 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	4	5	5	4	2	1
2	1	1	1	1	0	0	0	1	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
4	1	0	0	0	0	0	0	1	3	2	1	-	-	-	-	-	-	-	-	0	0	0	0	0	1
5	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	0	1	0
10	1	1	1	2	3	5	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	1	1	0	0	1	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1	0	0	0
13	0	0	0	0	0	0	0	0	1	1	1	2	1	1	0	1	0	0	0	0	0	0	0	0	0
14	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0
15	0	0	1	1	1	2	2	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
16	0	1	1	1	0	2	2	1	0	0	1	1	0	0	0	0	0	0	2	7	5	4	3	2	1
17	1	1	1	2	1	2	4	10	5	2	0	0	0	0	0	1	0	1	1	2	4	2	5	3	2
18	4	4	7	3	0	1	1	1	0	0	0	0	0	****	0	0	0	4	11	13	13	10	7	5	4
19	3	2	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	3	0	0	1
20	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	2	1	1	2	5	1
21	4	1	1	1	1	2	1	1	1	1	0	1	0	0	0	1	1	2	1	1	0	0	0	0	1
22	0	0	3	4	5	7	3	9	2	0	0	0	1	1	1	1	1	4	6	7	7	0	2	0	3
23	0	0	0	0	0	2	0	0	0	1	1	1	1	****	1	1	1	0	0	1	1	0	0	1	1
24	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
27	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	1	1	0	0	0
29	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	2	0	1	0	1	1	0	0	0
30	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	0	0
31	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	0	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0.7

PERCENTAGE OF DATA VALID - 98.7 PERCENTAGE OF DATA INVALID - 0.3 PERCENTAGE OF DATA UNAVAILABLE - 1.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST, PORT HOPE MONTH - NOV 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
2	1	0	0	0	0	0	0	1	2	2	4	3	1	1	1	1	0	0	0	0	0	0	1	1	1
3	1	0	0	0	0	0	0	2	0	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1
4	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	5	8	1
5	8	6	6	6	6	5	8	13	17	0	0	0	0	0	0	0	0	5	16	14	10	9	6	2	6
6	1	1	1	3	4	4	7	10	15	3	1	1	1	1	2	1	1	1	6	9	10	8	6	4	4
7	2	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0
9	2	4	2	8	6	6	5	6	10	5	1	0	0	0	0	1	3	2	1	2	1	0	0	0	3
10	0	1	1	0	1	0	0	0	0	1	0	0	0	1	0	1	1	3	3	1	1	1	0	1	1
11	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2	3	2	1	1	1	1	1	1
12	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	3	2	5	3	2	4	1
13	1	0	0	1	0	0	1	1	2	1	1	1	1	2	1	2	3	4	1	1	1	1	1	0	1
14	0	0	0	0	1	0	1	1	1	0	0	0	0	0	****	****	1	1	2	1	1	1	1	1	1
15	1	1	1	2	1	2	6	9	4	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	1
16	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0
17	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	1	2	1	1	1	0	0	0	1	1
18	0	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	1	1	****	0	0	0	1	0
19	1	1	0	0	1	1	1	2	2	3	0	1	1	1	1	1	0	1	3	6	5	5	5	2	2
20	2	2	1	0	2	3	4	11	2	1	1	2	1	1	1	1	1	1	0	0	0	0	0	0	2
21	0	1	1	1	1	1	6	8	4	1	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1
22	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	2	2	1	1
23	1	1	1	1	1	1	5	3	2	1	1	1	1	1	1	1	4	5	1	6	8	1	1	1	2
24	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	7	8	6	4	4	1	1	2	3	2	2	1	1	1	1	1	1	1	1	1	0	1	1	0	2
26	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1
28	1	1	2	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1
30	1	1	2	1	1	1	1	0	1	1	1	****	0	0	0	0	0	1	0	0	1	1	1	2	1
MEAN	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1.2

PERCENTAGE OF DATA VALID - 99.4 PERCENTAGE OF DATA INVALID - 0.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE MONTH - OEC 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	1	1	1	1	1	1	0	1	2	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1
2	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0
3	0	0	1	1	0	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1
4	0	0	0	1	1	0	0	1	1	1	1	2	1	0	0	0	0	1	1	0	1	1	0	1	1
5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	1	0	0	1	3	2	1
7	1	2	2	3	2	3	3	11	19	0	0	0	0	0	****	****	****	****	****	****	1	1	1	1	3
8	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1
9	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	2	1
11	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1	0	1
13	0	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1
14	0	1	1	1	1	1	1	1	2	2	2	1	1	0	1	1	1	1	0	0	0	1	0	0	1
15	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	1	1	1	0	0	1	1	1	0	1	1	3	2	1	1	0	0	1	1	1	1
17	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	0	1	1	0	0	0	0	0	0
18	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	2	1	0	1	1	1	1	1	2	3	1	1	1	1	2	3	2	0	0	0	0	0	1
21	0	0	0	0	0	0	0	7	16	17	4	1	1	1	1	1	1	6	3	6	0	0	1	1	3
22	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	0
23	3	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	1	2	3	3	3	2
24	3	4	4	4	4	4	5	4	4	2	3	1	1	2	2	2	1	1	1	1	1	1	1	1	2
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1
28	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0
27	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0
28	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
30	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0
31	1	0	1	1	1	2	1	3	6	4	1	0	0	1	3	1	1	1	2	4	11	5	5	4	2
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9

PERCENTAGE OF OATA VALIO - 99.2 PERCENTAGE OF OATA INVALIO - 0.8 PERCENTAGE OF OATA UNAVAILA8LE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILA8LE

3. "*****" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY OATA FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST. PORT HOPE

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN		OATA UNAVAILA8LE		
FE8		OATA UNAVAILA8LE		
MAR		OATA UNAVAILA8LE		
APR		OATA UNAVAILA8LE		
MAY		OATA UNAVAILA8LE		
JUN		OATA UNAVAILA8LE		
JUL		OATA UNAVAILA8LE		
AUG	8	0.8	1	9
SEP	30	0.7	2	15
OCT	31	0.7	4	13
NOV	30	1.2	6	17
OEC	31	0.9	3	19
YEAR	130	0.9	6	19

MONTHLY GROUP FREQUENCY DISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - C NO 58030 132 KING ST, PORT HOPE

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN		DATA UNAVAILABLE						
FEB		DATA UNAVAILABLE						
MAR		DATA UNAVAILABLE						
APR		DATA UNAVAILABLE						
MAY		DATA UNAVAILABLE						
JUN		DATA UNAVAILABLE						
JUL		DATA UNAVAILABLE						
AUG	199	2	0	0	0	0	0	201
SEP	702	15	2	0	0	0	0	719
OCT	721	10	3	0	0	0	0	734
NOV	678	32	6	0	0	0	0	716
DEC	729	4	5	0	0	0	0	738
YEAR	3029	63	16	0	0	0	0	3108

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT									ARITH	
	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
84.6	0	0.0	0.0	0.0	0.5	1.5	3.3	5.6	7.7	19	0.9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - JAN 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1
2	0	0	3	2	1	1	1	1	1	1	1	1	1	1	1	1	4	13	12	17	15	21	15	3	5
3	1	2	2	5	7	2	1	3	4	2	2	1	1	1	1	1	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	1	****	-	0	0	0	1	1	1	0	0	1	0
6	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	1	3	7	5	2	2	2	2	2	4	9	11	16	15	11	8	3	4
8	3	2	2	1	0	0	0	3	3	4	4	2	****	5	5	4	4	1	2	0	1	1	1	0	2
9	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1	0	****	0	0	0	0	1	5	2	3	3	2	2	2	1
11	0	2	2	2	8	4	8	10	14	14	17	13	6	6	5	4	8	16	25	21	22	26	16	11	11
12	9	9	6	3	1	1	1	2	4	4	4	****	4	4	3	2	2	2	3	3	2	2	1	1	3
13	2	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	5	0	0	0	0	0
15	0	0	0	0	0	0	1	5	6	4	2	1	1	1	1	3	1	0	0	0	0	1	0	0	1
16	0	0	0	0	0	0	0	0	2	7	3	2	2	2	2	1	6	13	23	23	22	21	18	20	7
17	16	9	5	2	1	1	1	1	1	1	1	1	1	2	****	****	****	****	****	****	****	****	****	****	******
18	****	****	****	****	****	4	4	4	4	4	4	4	4	4	4	4	5	9	6	6	10	11	11	12	6
19	14	10	11	10	11	9	8	8	9	11	9	****	****	****	****	****	****	****	****	****	****	****	****	****	******
20												- DATA INVALID -													
21												- DATA INVALID -													
22												- DATA INVALID -													
23	****	****	****	****	****	****	****	****	****	****	3	3	3	3	3	3	4	4	4	3	2	2	3	3	******
24	1	1	1	1	1	1	1	1	1	2	2	1	2	4	2	1	1	2	1	1	1	1	1	0	1
25	1	1	1	1	1	1	1	1	1	2	1	6	1	1	1	1	1	1	1	1	1	1	4	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	1	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2	1	1	1	1	1	1	2	2	2	2	2	1	2	1	1	2	3	4	4	4	4	3	2	2.1

PERCENTAGE OF DATA VALID - 84.3 PERCENTAGE OF DATA INVALID - 15.6 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - FEB 79

HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	1	****	****	****	****	****	****	****	****	****	****	****	****	****	******
3													- DATA INVALIO -												
4													- DATA INVALID -												
S	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	1	1	0	0	1	0	0	1	******
6	2	0	0	2	3	1	0	1	6	S	2	1	1	1	2	2	2	1	1	1	1	1	1	1	2
7	1	1	1	1	1	1	1	1	1	****	1	0	0	****	****	****	1	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	2	4	4	S	10	12	S	14	3
10	12	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	0	0	0	0	1	3	2	2	2	1	1	1	1	1	0	0	1	1	1	1	1
12	1	1	2	2	2	2	1	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	S	6	S	S	6	10	2
14	12	6	3	2	1	0	0	1	2	2	2	1	1	1	****	1	1	1	1	1	1	1	1	1	2
15	1	1	1	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1
18	3	2	6	8	11	11	12	10	S	6	4	2	1	1	1	1	1	2	3	6	4	6	3	4	S
19	3	8	12	10	7	7	7	6	10	8	8	S	2	1	****	1	1	1	0	0	0	0	1	0	4
20	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	0	0	0	0	0	0	1	2	3	1
21	2	1	0	0	0	0	0	1	2	****	****	2	2	3	4	4	S	S	3	1	1	1	1	1	2
22	0	2	3	0	0	0	0	0	1	1	1	1	0	1	1	1	1	3	9	8	2	2	1	1	2
23	0	0	0	0	0	0	0	0	0	0	1	1	1	****	1	0	0	1	1	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	1	0	0	0	****	0	0	1	1	0	0	0	1	0	0
27	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2	3	1	0	0	0	0	0	1
28	0	0	0	0	0	0	0	1	1	0	0	0	0	0	****	****	****	****	****	****	****	****	****	****	******
MEAN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1.1

PERCENTAGE OF DATA VALID - 85.4 PERCENTAGE OF DATA INVALID - 14.6 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - MAR 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	******
2	0	0	0	0	0	0	0	0	0	1	1	1	****	****	1	1	1	0	0	0	0	0	1	0	
3	0	0	0	0	0	0	0	0	0	1	1	2	2	2	2	2	2	3	2	2	2	1	1	1	1
4	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	0	0	1
S	0	0	0	0	0	0	0	0	1	1	0	****	0	0	0	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	2	3	2	2	1	1	0	0	0	1	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	1	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
9	0	0	0	0	0	0	0	1	2	2	2	2	1	1	0	1	1	1	1	1	1	1	1	0	1
10	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	1	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	3	3	3	1	0	1
14	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0	1	0	0	0
17	0	2	2	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	1	2	1	0	0	1
18	4	7	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4	1	1	1
19	2	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	1	1	0	2	1	8	4	1	1
20	0	0	0	1	0	0	1	2	3	2	1	1	1	0	0	0	0	0	0	10	2	0	1	6	1
21	5	3	4	1	0	3	S	7	S	3	2	2	2	1	1	1	1	1	1	1	1	0	0	0	2
22	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	4	2	1	1	1	9	1
23	11	14	6	3	0	0	0	2	2	1	2	****	3	1	1	1	1	1	1	1	1	3	2	3	3
24	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	S	0	0	0	0	0	0	0	1	0	0	****	****	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	1	1	2	1	1	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	1	1	2	****	3	S	4	4	2	4	1	1	1	1	1	1	1
31	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	0	1	0.6

PERCENTAGE OF DATA VALID - 96.9 PERCENTAGE OF DATA INVALID - 3.1 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - APR 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2	0	0	0	0	0	0	0	0	0	1	1	****	1	1	1	1	1	4	3	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	2	3	3	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	****	0	1	1	2	2	1	1	1	1	1	1	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0
14	0	0	0	0	0	0	0	1	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	6	2	6	3	1
20	1	1	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	3	2	1	0	0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	1	1	****	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
30	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.0 PERCENTAGE OF DATA INVALID - 1.0 PERCENTAGE OF DATA UNAVAILABLE - 0.0

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID OATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - MAY 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
2	0	0	0	0	0	1	2	1	1	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
3	0	0	0	0	0	0	0	1	1	1	1	1	1	1	****	****	0	1	1	1	0	1	0	0	1
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	1	3	2	1	1	0	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1
7	0	0	0	0	0	0	1	1	1	1	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	1	1	1	1	1	1	-	****	1	1	1	1	1	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0
11	0	0	0	0	0	0	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0
31	0	0	0	0	1	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	1
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALID - 99.1 PERCENTAGE OF DATA INVALID - 0.8 PERCENTAGE OF DATA UNAVAILABLE - 0.1

NOTES 1. "****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "*****" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - JUN 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	3	S	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	0
6	0	0	0	0	0	0	1	1	1	0	0	0	0	****	****	****	****	****	****	****	****	****	****	****	******
7	****	****	****	****	****	****	****	****	****	****	****	1	****	0	0	0	0	0	0	0	0	0	0	0	******
8	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	****	0	0	****	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	****	1	1	0	0	1	1	1	2	2	B	4	1
19	14	10	17	12	11	7	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	4
20	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
25	0	0	0	0	0	1	0	1	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2B	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	1	1	0	0	1	0	0	0	****	0	0	0	0	1	1	1	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.2

PERCENTAGE OF OATA VALIO - 95.0 PERCENTAGE OF OATA INVALIO - S.0 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - JUL 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	1B	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
6	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
7	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
13	0	0	0	0	0	0	1	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	2	1	1	1
18	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	1	1	1	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	1	1	1	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
27	1	0	0	0	1	2	2	2	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1
28	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	2	4	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1

PERCENTAGE OF OATA VALIO - 99.3 PERCENTAGE OF OATA INVALIO - 0.7 PERCENTAGE OF OATA UNAVAILABLE - 0.0

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - AUG 79

HOUR DAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
2	0	0	0	0	****	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
9	1	0	0	0	1	1	S	3	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	0	1
10	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	4	3	1
12	2	6	6	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	1	1	3	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
14	0	0	0	0	0	1	1	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
16	0	1	1	1	1	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1
17	0	0	0	0	1	1	3	1	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
20	0	1	1	1	2	2	6	B	S	2	2	1	1	****	4	2	1	1	1	1	2	2	1	3	2
21	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	2	2	4	8	6	2
22	6	2	0	0	0	1	3	4	1	1	0	0	0	0	0	1	1	1	0	2	2	1	1	1	1
23	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	0	1
24	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	D	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
27	0	0	0	0	1	1	9	12	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	1	1	2	1	1	1	0	1	1	1	1	1	1	0	0	0	1	0	1
29	0	0	0	0	0	0	1	1	1	***	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
30	3	1	3	3	3	3	2	S	2	S	4	3	0	0	0	0	0	0	0	0	0	0	0	0	2
31	0	0	0	1	0	0	2	2	****	1	1	1	0	0	0	1	0	1	1	1	0	0	0	1	1
MEAN	D	0	0	0	0	1	1	2	1	1	0	0	0	D	0	0	0	0	0	0	0	0	1	1	0.S

PERCENTAGE DF OATA VALID - 99.2 PERCENTAGE OF OATA INVALID - 0.B PERCENTAGE OF DATA UNAVAILABLE - 0.D

NDTES 1. "*****" INDICATES INVALIO DATA OUE TO INSTRUMENTATION FAILURE

2. "-" INDICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIDE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - SEP 79

HOUR OAY	1	2	3	4	S	6	7	B	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	****	****	****	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	****	****	****	0
12	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*****
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1S	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	***	***	0	0	0	0	0	0	0
20	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	9	6	12	2
23	11	S	4	2	2	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	1	1	1	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0
27	1	1	0	0	0	0	4	S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	D	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	D	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	D	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2

PERCENTAGE OF DATA VALIO - 97.1 PERCENTAGE OF DATA INVALID - 2.B PERCENTAGE OF DATA UNAVAILABLE - 0.1

NDTES 1. "*****" INDICATES INVALID DATA DUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES DATA IS UNAVAILABLE

3. "******" INDICATES LESS THAN 2/3 VALID DATA FOR DAILY MEAN IN ONE DAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - OCT 79

HOUR OAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1S	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	4	2	1	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2	2	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1
8	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0
9	1	1	1	1	1	1	0	1	0	0	-	****	0	0	0	0	0	0	0	1	2	1	1	1	1
10	1	1	-	1	1	****	3	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
11	0	0	0	0	0	1	0	1	1	1	1	1	1	1	***	1	1	1	1	1	1	1	1	1	1
12	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	-	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	1	0	0	2	18	4	1	0	-	0	0	0	0	0	0	0	0	0	0	1	2	1
17	0	0	0	0	1	1	7	-	-	4	2	1	0	0	0	0	0	0	0	0	1	1	1	4	1
18	6	2	3	1	2	2	4	10	13	14	4	1	0	0	0	****	****	****	****	****	****	****	****	****	*****
19												- OATA INVALIO -													
20												- OATA INVALIO -													
21												- OATA INVALIO -													
22												- OATA INVALIO -													
23												- OATA INVALIO -													
24												- OATA INVALIO -													
2S	****	****	****	****	****	****	****	****	****	****	****	****	****	****	****	0	0	0	0	0	0	0	0	0	******
26	0	0	0	0	0	0	0	0	S	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	2	1	1	1	1	1	0	1	3	2	0	0	0	0	0	0	1
31	0	0	0	0	0	0	0	2	3	1	1	7	1	2	2	2	4	8	6	6	1	1	2	2	2
MEAN	0	0	0	0	0	0	1	2	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	0.6

PERCENTAGE OF OATA VALIO - 7S.7 PERCENTAGE OF OATA INVALIO - 22.4 PERCENTAGE OF OATA UNAVAILABLE - 1.9

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY MONTH - NOV 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1
2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	2	2	S	3	4	3	0	0	0	0	0	1	0	0	1	1	1	2	3	1
6	3	1	0	0	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0
8	0	0	0	0	0	-	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	3	3	1	1	1	1	0	1	1	1	1	0	-	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	-	0	0	0	0	0	0	0	0	0	-	0	0	0	0	1	2	3	4	8	8	7	2
12	11	9	8	-	8	4	2	2	3	4	2	2	1	0	0	0	0	2	0	0	0	0	0	0	3
13	0	0	0	0	0	0	0	0	1	1	1	11	1	1	1	1	2	1	1	0	0	0	0	0	1
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	2	2	1	2	1	1
1S	0	0	0	0	1	1	1	3	7	S	S	3	1	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	1	1	2	1	2	2	1
18	2	3	4	3	1	0	0	0	0	0	0	0	1	0	1	1	1	2	1	1	1	1	1	1	1
19	0	0	0	0	0	0	0	1	4	3	2	3	3	1	1	1	3	2	2	3	2	3	1	1	2
20	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0
21	0	0	0	0	0	0	1	2	3	1	0	****	12	1	1	1	1	-	0	0	0	0	0	0	1
22	0	0	0	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	-	6	S	4	6	9	6	2	1	1	1	0	0	0	0	-	0	0	2
24	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	1	3	0	
25	S	3	1	0	0	0	0	3	2	1	1	1	1	1	1	1	2	1	1	1	1	1	0	0	1
26	0	0	0	0	0	0	0	1	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	1	2	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN	1	1	0	0	0	0	0	1	1	1	1	2	1	0	0	0	1	1	0	0	0	1	1	1	0.6

PERCENTAGE OF OATA VALIO - 97.8 PERCENTAGE OF OATA INVALIO - 0.6 PERCENTAGE OF OATA UNAVAILABLE - 1.7

NOTES 1. "*****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "******" INOICATES LESS THAN 2/3 VALIO OATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESORCES BRANCH

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY MONTH - OEC 79

HOUR OAY	1	2	3	4	S	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	****	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	****	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	3	4	2	2	2	2	1	1	1	1	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0
9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	4	3	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	2	1
11	3	3	1	0	0	0	1	1	4	4	3	3	3	3	3	3	5	4	1	1	1	1	1	0	2
12	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	1	1	1	1	1	1	1
14	1	1	0	0	0	0	0	1	1	1	1	0	0	****	0	0	0	0	3	7	3	1	1	5	1
15	10	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
17	0	0	0	0	0	0	0	1	2	1	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	1	3	0	0	0	0	1	1	1	2	1	1	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	4	3	4	5	2	1	1	1	1
20	1	2	1	0	0	0	1	2	3	2	2	2	3	4	3	4	5	6	S	6	S	4	3	2	3
21	2	1	1	0	0	1	4	S	6	4	2	S	S	5	6	7	7	5	3	3	2	3	3	2	3
22	2	2	1	1	0	1	1	1	2	3	4	4	S	6	7	6	8	9	8	S	6	3	2	3	4
23	2	S	4	2	2	1	1	1	2	2	3	3	3	3	S	4	2	2	2	1	1	1	1	1	2
24	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0
2S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	****	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	1	2	0
31	1	1	0	0	0	0	0	1	2	****	****	****	****	****	10	1	8	12	4	1	0	0	0	-	2
MEAN	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	0	1	0.8

PERCENTAGE OF OATA VALIO - 98.1 PERCENTAGE OF OATA INVALIO - 1.6 PERCENTAGE OF OATA UNAVAILABLE - 0.3

NOTES 1. "****" INOICATES INVALIO OATA OUE TO INSTRUMENTATION FAILURE

2. "-" INOICATES OATA IS UNAVAILABLE

3. "*****" INOICATES LESS THAN 2/3 VALID DATA FOR OAILY MEAN IN ONE OAY

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR RESOURCES BRANCH

MONTHLY SUMMARY OF HOURLY ANO 2-HOURLY DATA FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUOBURY

MONTH	NO OF OAYS	AVERAGE CONCENT	24-HOUR MAXIMUM	MAXIMUM REAOING
JAN	2S	2.1	11	26
FEB	23	1.1	5	14
MAR	30	0.6	3	14
APR	30	0.2	1	6
MAY	31	0.2	1	10
JUN	28	0.2	4	17
JUL	31	0.1	1	4
AUG	31	0.5	2	12
SEP	29	0.2	2	12
OCT	23	0.6	2	18
NOV	30	0.6	3	14
OEC	31	0.8	4	12
YEAR	342	0.6	11	26

MONTHLY GROUP FREQUENCY OISTRIBUTION FOR 1979

POLLUTANT - NITRIC OXIOE - CHEMILUMINESCENT UNITS - 0.01 PARTS/MILLION

STATION - NE NO 77016 ASH ST WATER TANK, SUDBURY

MONTH	00 TO 05	06 TO 10	11 TO 20	21 TO 30	31 TO 40	41 TO 50	51 &OVER	TOTAL
JAN	562	29	27	9	0	0	0	627
FEB	543	23	8	0	0	0	0	574
MAR	712	7	2	0	0	0	0	721
APR	711	2	0	0	0	0	0	713
MAY	736	1	0	0	0	0	0	737
JUN	675	5	4	0	0	0	0	684
JUL	739	0	0	0	0	0	0	739
AUG	729	8	1	0	0	0	0	738
SEP	694	3	2	0	0	0	0	699
OCT	553	7	3	0	0	0	0	563
NOV	689	11	4	0	0	0	0	704
DEC	711	18	1	0	0	0	0	730
YEAR	8054	114	52	9	0	0	0	8229

FREQUENCY OISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID	CONCENTRATIONS FREQUENCY OISTRIBUTION, PERCENT									ARITH MEAN	
	MIN	10	30	50	70	90	95	98	99	MAX	
93.9	0	0.0	0.0	0.0	0.0	0.9	2.4	5.3	8.7	26	0.6

NORMAL END OF JOB

Date Due

Ontario. Ministry of the Environment. Air Management Branch

Air quality monitoring report. Ontario.
1979 Vol.5

TD
883.7
057

DATE	ISSUED TO

LABORATORY & RESEARCH LIBRARY
MINISTRY OF THE ENVIRONMENT

PRINTED IN CANADA